

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012757.D
 Acq On : 02 Mar 2023 13:47
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/03/2023
 Supervised By :Mahesh Dadoda 03/03/2023

Quant Time: Mar 03 01:02:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 00:58:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	124575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	191351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	168720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	115813	93.634	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 187.260%#			
35) Dibromofluoromethane	7.716	113	110437	95.633	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 191.260%#			
50) Toluene-d8	10.179	98	404772	95.878	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 191.760%#			
62) 4-Bromofluorobenzene	12.483	95	138391	97.121	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 194.240%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	114690	93.406	ug/l	97
3) Chloromethane	2.113	50	131511	89.590	ug/l	99
4) Vinyl Chloride	2.253	62	129700	96.355	ug/l	99
5) Bromomethane	2.637	94	73872	90.318	ug/l	94
6) Chloroethane	2.790	64	75925	94.182	ug/l	99
7) Trichlorofluoromethane	3.125	101	212165	94.900	ug/l	98
8) Diethyl Ether	3.528	74	75936	96.925	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	130157	96.767	ug/l	99
10) Methyl Iodide	4.088	142	182483	104.123	ug/l	99
11) Tert butyl alcohol	4.948	59	66645	487.694	ug/l	99
12) 1,1-Dichloroethene	3.869	96	125997	98.217	ug/l	99
13) Acrolein	3.723	56	102729	474.064	ug/l	100
14) Allyl chloride	4.479	41	237650	100.290	ug/l	100
15) Acrylonitrile	5.161	53	197444	478.302	ug/l	100
16) Acetone	3.942	43	248572	512.013	ug/l	98
17) Carbon Disulfide	4.192	76	424161	97.138	ug/l	100
18) Methyl Acetate	4.473	43	138113	95.531	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	331332	99.994	ug/l	100
20) Methylene Chloride	4.716	84	142851	102.016	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	137376	98.543	ug/l	98
22) Diisopropyl ether	6.119	45	419843	97.547	ug/l	98
23) Vinyl Acetate	6.058	43	1323712	494.984	ug/l	100
24) 1,1-Dichloroethane	6.015	63	237925	97.011	ug/l	99
25) 2-Butanone	6.984	43	295009	490.612	ug/l	99
26) 2,2-Dichloropropane	6.978	77	208792	95.853	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	147453	98.656	ug/l	99
28) Bromochloromethane	7.332	49	86800	96.846	ug/l	99
29) Tetrahydrofuran	7.344	42	175654	484.347	ug/l	100
30) Chloroform	7.502	83	235177	97.080	ug/l	99
31) Cyclohexane	7.783	56	224840	94.916	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	215087	98.179	ug/l	99
36) 1,1-Dichloropropene	7.917	75	190637	98.511	ug/l	99
37) Ethyl Acetate	7.076	43	115796	94.936	ug/l	99
38) Carbon Tetrachloride	7.899	117	197077	98.618	ug/l	99
39) Methylcyclohexane	9.185	83	237662	103.300	ug/l	98
40) Benzene	8.161	78	534555	97.651	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012757.D
 Acq On : 02 Mar 2023 13:47
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/03/2023
 Supervised By :Mahesh Dadoda 03/03/2023

Quant Time: Mar 03 01:02:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 00:58:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	65227m	102.000	ug/l	
42) 1,2-Dichloroethane	8.234	62	160471	97.504	ug/l	100
43) Isopropyl Acetate	8.271	43	216356	99.422	ug/l	100
44) Trichloroethene	8.941	130	142714	98.882	ug/l	97
45) 1,2-Dichloropropane	9.216	63	135702	98.089	ug/l	100
46) Dibromomethane	9.307	93	75971	96.390	ug/l	98
47) Bromodichloromethane	9.496	83	181571	97.760	ug/l	99
48) Methyl methacrylate	9.289	41	104192	103.911	ug/l	99
49) 1,4-Dioxane	9.295	88	20445	2006.592	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	585200	495.758	ug/l	100
52) Toluene	10.246	92	329767	99.888	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	196566	100.899	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	220540	100.016	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	104464	95.172	ug/l	98
56) Ethyl methacrylate	10.508	69	152054	103.893	ug/l	99
57) 1,3-Dichloropropane	10.788	76	182359	97.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	387043	503.757	ug/l	99
59) 2-Hexanone	10.831	43	435945	508.151	ug/l	100
60) Dibromochloromethane	10.984	129	131049	98.082	ug/l	100
61) 1,2-Dibromoethane	11.087	107	101170	95.684	ug/l	98
64) Tetrachloroethene	10.721	164	119926	97.627	ug/l	97
65) Chlorobenzene	11.514	112	345237	97.496	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	128990	98.444	ug/l	99
67) Ethyl Benzene	11.593	91	634297	101.884	ug/l	100
68) m/p-Xylenes	11.703	106	481522	201.054	ug/l	99
69) o-Xylene	12.032	106	229272	102.573	ug/l	99
70) Styrene	12.044	104	383269	102.751	ug/l	99
71) Bromoform	12.209	173	83638	97.901	ug/l #	99
73) Isopropylbenzene	12.331	105	605591	104.898	ug/l	100
74) N-amyl acetate	12.142	43	191045	105.175	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	126853	97.748	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	93428m	96.044	ug/l	
77) Bromobenzene	12.611	156	142712	101.757	ug/l	98
78) n-propylbenzene	12.672	91	744725	104.631	ug/l	100
79) 2-Chlorotoluene	12.758	91	406527	102.766	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	494753	103.845	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	46990	100.091	ug/l	98
82) 4-Chlorotoluene	12.855	91	422073	103.072	ug/l	99
83) tert-Butylbenzene	13.075	119	430228	104.622	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	484153	103.922	ug/l	100
85) sec-Butylbenzene	13.251	105	648884	103.433	ug/l	99
86) p-Isopropyltoluene	13.367	119	533657	104.083	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	269179	99.514	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	269356	97.569	ug/l	99
89) n-Butylbenzene	13.696	91	509272	103.756	ug/l	100
90) Hexachloroethane	13.959	117	105853	99.124	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	241699	98.848	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20957	99.921	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	156390	103.880	ug/l	98
94) Hexachlorobutadiene	15.111	225	91342	99.476	ug/l	98
95) Naphthalene	15.239	128	334127	110.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	137780	102.902	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
Data File : VY012757.D
Acq On : 02 Mar 2023 13:47
Operator : KP/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/03/2023
Supervised By :Mahesh Dadoda 03/03/2023

Quant Time: Mar 03 01:02:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 00:58:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

Quant Time: Mar 03 01:02:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 00:58:32 2023
Response via : Initial Calibration

