

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012678.D
 Acq On : 21 Feb 2023 16:46
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 22 01:07:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:01:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	120343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140060	98.543	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 197.080%#			
35) Dibromofluoromethane	7.715	113	123699	98.790	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.580%#			
50) Toluene-d8	10.178	98	460652	98.198	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 196.400%#			
62) 4-Bromofluorobenzene	12.483	95	151822	101.136	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 202.280%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	121399	98.121	ug/l	99
3) Chloromethane	2.113	50	145622	102.606	ug/l	99
4) Vinyl Chloride	2.253	62	132840	97.172	ug/l	97
5) Bromomethane	2.643	94	74559	99.586	ug/l	97
6) Chloroethane	2.789	64	81151	93.252	ug/l	97
7) Trichlorofluoromethane	3.125	101	215385	97.741	ug/l	97
8) Diethyl Ether	3.527	74	81177	102.893	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	126385	95.972	ug/l	100
10) Methyl Iodide	4.088	142	174843	101.398	ug/l	99
11) Tert butyl alcohol	4.954	59	74353	478.232	ug/l	98
12) 1,1-Dichloroethene	3.869	96	124403	97.853	ug/l	89
13) Acrolein	3.728	56	107048	544.944	ug/l	99
14) Allyl chloride	4.478	41	249217	101.004	ug/l	99
15) Acrylonitrile	5.161	53	222506	530.112	ug/l	98
16) Acetone	3.948	43	263664	568.511	ug/l	100
17) Carbon Disulfide	4.192	76	407965	95.359	ug/l	99
18) Methyl Acetate	4.478	43	158483	106.080	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	361748	105.783	ug/l	100
20) Methylene Chloride	4.716	84	141410	104.186	ug/l	100
21) trans-1,2-Dichloroethene	5.216	96	134359	97.160	ug/l	95
22) Diisopropyl ether	6.118	45	448527	97.417	ug/l	98
23) Vinyl Acetate	6.057	43	1493513	523.749	ug/l	100
24) 1,1-Dichloroethane	6.015	63	247906	97.101	ug/l	99
25) 2-Butanone	6.984	43	342867	557.015	ug/l	99
26) 2,2-Dichloropropane	6.978	77	218881	98.282	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	149676	98.923	ug/l	100
28) Bromochloromethane	7.331	49	102033	99.805	ug/l	97
29) Tetrahydrofuran	7.344	42	208411	554.580	ug/l	99
30) Chloroform	7.508	83	239632	96.868	ug/l	93
31) Cyclohexane	7.783	56	227153	91.991	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	220562	98.491	ug/l	99
36) 1,1-Dichloropropene	7.917	75	194849	98.173	ug/l	99
37) Ethyl Acetate	7.075	43	143186	106.916	ug/l	99
38) Carbon Tetrachloride	7.904	117	202952	98.894	ug/l	99
39) Methylcyclohexane	9.185	83	234006	102.208	ug/l	99
40) Benzene	8.161	78	543083	98.026	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012678.D
 Acq On : 21 Feb 2023 16:46
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 01:07:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:01:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	61062m	93.595	ug/l	
42) 1,2-Dichloroethane	8.234	62	175421	102.111	ug/l	99
43) Isopropyl Acetate	8.270	43	255229	110.285	ug/l	100
44) Trichloroethene	8.941	130	139327	97.269	ug/l	95
45) 1,2-Dichloropropane	9.215	63	141330	99.174	ug/l	99
46) Dibromomethane	9.307	93	80007	101.704	ug/l	99
47) Bromodichloromethane	9.496	83	191029	100.870	ug/l	100
48) Methyl methacrylate	9.294	41	121352	112.370	ug/l	98
49) 1,4-Dioxane	9.301	88	23021m	2085.254	ug/l	
51) 4-Methyl-2-Pentanone	10.069	43	694079	555.982	ug/l	100
52) Toluene	10.245	92	327311	99.711	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	205699	103.942	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	227732	101.696	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	106720	99.880	ug/l	96
56) Ethyl methacrylate	10.508	69	163680	112.171	ug/l	99
57) 1,3-Dichloropropane	10.788	76	189448	100.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	411148	538.142	ug/l	100
59) 2-Hexanone	10.831	43	503179	568.565	ug/l	99
60) Dibromochloromethane	10.983	129	132714	102.520	ug/l	99
61) 1,2-Dibromoethane	11.087	107	105590	103.148	ug/l	100
64) Tetrachloroethene	10.721	164	115863	98.145	ug/l	97
65) Chlorobenzene	11.514	112	340348	97.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	127764	99.044	ug/l	99
67) Ethyl Benzene	11.593	91	629692	101.206	ug/l	100
68) m/p-Xylenes	11.703	106	475047	200.149	ug/l	100
69) o-Xylene	12.032	106	222577	101.247	ug/l	97
70) Styrene	12.044	104	377779	102.529	ug/l	100
71) Bromoform	12.209	173	86973	105.659	ug/l #	100
73) Isopropylbenzene	12.330	105	589635	100.995	ug/l	99
74) N-amyl acetate	12.141	43	211708	110.311	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.580	83	133054	101.359	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	100545m	105.590	ug/l	
77) Bromobenzene	12.611	156	138668	99.126	ug/l	100
78) n-propylbenzene	12.672	91	718628	98.407	ug/l	99
79) 2-Chlorotoluene	12.757	91	399170	98.392	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	487579	99.978	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	49161	105.743	ug/l	98
82) 4-Chlorotoluene	12.855	91	417199	99.152	ug/l	99
83) tert-Butylbenzene	13.074	119	422099	101.359	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	478651	100.400	ug/l	100
85) sec-Butylbenzene	13.251	105	629554	99.360	ug/l	100
86) p-Isopropyltoluene	13.367	119	521136	99.870	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	266237	97.168	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	264800	95.303	ug/l	100
89) n-Butylbenzene	13.696	91	498532	99.759	ug/l	99
90) Hexachloroethane	13.958	117	102218	96.526	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	240249	98.179	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23593	109.339	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	156352	101.027	ug/l	99
94) Hexachlorobutadiene	15.110	225	89072	95.364	ug/l	99
95) Naphthalene	15.238	128	349791	111.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	139756	102.022	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
Data File : VY012678.D
Acq On : 21 Feb 2023 16:46
Operator : KP/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 01:07:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:01:34 2023
Response via : Initial Calibration

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

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

