

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011146.D
 Acq On : 28 Oct 2022 10:08
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 22:45:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 22:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	218878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	364708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	332492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	11596	5.124	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.240%#		
35) Dibromofluoromethane	7.716	113	11190	4.989	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.980%#		
50) Toluene-d8	10.179	98	43282	4.871	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.740%#		
62) 4-Bromofluorobenzene	12.483	95	14096	4.848	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.700%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	7775	6.525	ug/l	95
3) Chloromethane	2.113	50	10901	6.778	ug/l	100
4) Vinyl Chloride	2.247	62	12605	6.642	ug/l	98
5) Bromomethane	2.650	94	9505	7.119	ug/l	89
6) Chloroethane	2.796	64	8373	6.366	ug/l	90
7) Trichlorofluoromethane	3.125	101	19106	6.176	ug/l	100
8) Diethyl Ether	3.528	74	6083	5.458	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.906	101	11444	5.857	ug/l	94
10) Methyl Iodide	4.088	142	10899	5.092	ug/l	89
11) Tert butyl alcohol	4.936	59	7909	31.879	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	10333	5.877	ug/l	88
13) Acrolein	3.723	56	4378	27.466	ug/l	99
14) Allyl chloride	4.479	41	14030	5.139	ug/l #	89
15) Acrylonitrile	5.161	53	16298	26.502	ug/l	98
16) Acetone	3.948	43	15690	28.334	ug/l	90
17) Carbon Disulfide	4.192	76	32286	7.074	ug/l	99
18) Methyl Acetate	4.473	43	14117	8.068	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	25840	4.979	ug/l	99
20) Methylene Chloride	4.716	84	21160	7.368	ug/l #	82
21) trans-1,2-Dichloroethene	5.222	96	11971	5.938	ug/l	90
22) Diisopropyl ether	6.119	45	30665	4.885	ug/l	94
23) Vinyl Acetate	6.058	43	73118	20.490	ug/l	96
24) 1,1-Dichloroethane	6.015	63	21680	5.590	ug/l	97
25) 2-Butanone	6.984	43	20826	26.237	ug/l #	82
26) 2,2-Dichloropropane	6.984	77	19569	5.646	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	13737	5.624	ug/l	87
28) Bromochloromethane	7.338	49	8564	4.836	ug/l	85
29) Tetrahydrofuran	7.344	42	12179	25.752	ug/l #	87
30) Chloroform	7.502	83	23075	5.668	ug/l	95
31) Cyclohexane	7.789	56	21073	6.614	ug/l #	64
32) 1,1,1-Trichloroethane	7.704	97	19519	5.635	ug/l	96
36) 1,1-Dichloropropene	7.917	75	17151	5.866	ug/l	98
37) Ethyl Acetate	7.070	43	8501	5.139	ug/l #	92
38) Carbon Tetrachloride	7.899	117	18557	5.827	ug/l	92
39) Methylcyclohexane	9.179	83	18450	5.655	ug/l	93
40) Benzene	8.161	78	49674	5.675	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011146.D
 Acq On : 28 Oct 2022 10:08
 Operator : KP/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 22:45:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 22:42:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	4458m	4.734	ug/l	
42) 1,2-Dichloroethane	8.234	62	13843	5.558	ug/l	89
43) Isopropyl Acetate	8.271	43	14665	4.972	ug/l #	86
44) Trichloroethene	8.935	130	13356	5.677	ug/l	95
45) 1,2-Dichloropropane	9.216	63	12626	5.479	ug/l	97
46) Dibromomethane	9.301	93	7320	5.683	ug/l	94
47) Bromodichloromethane	9.496	83	17346	5.449	ug/l	96
48) Methyl methacrylate	9.289	41	6520	4.959	ug/l #	79
49) 1,4-Dioxane	9.295	88	1829	102.878	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	40384	24.281	ug/l	90
52) Toluene	10.240	92	29777	5.434	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	16966	5.316	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	18867	5.215	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	10580	5.518	ug/l	97
56) Ethyl methacrylate	10.508	69	11362	4.709	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	17192	5.372	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	26667	26.161	ug/l	94
59) 2-Hexanone	10.831	43	26403	23.002	ug/l	88
60) Dibromochloromethane	10.984	129	12060	5.320	ug/l	95
61) 1,2-Dibromoethane	11.087	107	9362	5.380	ug/l	98
64) Tetrachloroethene	10.721	164	13634	5.943	ug/l	99
65) Chlorobenzene	11.514	112	34036	5.559	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	13148	5.535	ug/l	97
67) Ethyl Benzene	11.593	91	56076	5.243	ug/l	99
68) m/p-Xylenes	11.703	106	42638	10.460	ug/l	95
69) o-Xylene	12.026	106	19546	5.028	ug/l	94
70) Styrene	12.044	104	32166	4.841	ug/l	96
71) Bromoform	12.209	173	7683	5.278	ug/l #	96
73) Isopropylbenzene	12.331	105	52272	5.046	ug/l	100
74) N-amyl acetate	12.142	43	11830	4.652	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	12142	5.373	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	9134m	5.420	ug/l	
77) Bromobenzene	12.605	156	13031	5.349	ug/l	98
78) n-propylbenzene	12.672	91	63957	5.077	ug/l	99
79) 2-Chlorotoluene	12.758	91	37472	5.201	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	43932	5.034	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	3898	5.019	ug/l	86
82) 4-Chlorotoluene	12.855	91	38748	5.184	ug/l	96
83) tert-Butylbenzene	13.075	119	37827	4.965	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	42576	4.956	ug/l	98
85) sec-Butylbenzene	13.251	105	57755	5.070	ug/l	99
86) p-Isopropyltoluene	13.367	119	46411	4.959	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	27047	5.468	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	28262	5.712	ug/l	96
89) n-Butylbenzene	13.697	91	43687	4.998	ug/l	100
90) Hexachloroethane	13.959	117	11143	5.700	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	24137	5.425	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1954	5.371	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	12450	4.890	ug/l	99
94) Hexachlorobutadiene	15.111	225	8593	5.588	ug/l	99
95) Naphthalene	15.233	128	21783	4.274	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	10783	4.865	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
Data File : VY011146.D
Acq On : 28 Oct 2022 10:08
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 22:45:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 22:42:31 2022
Response via : Initial Calibration

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

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

