

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011147.D
 Acq On : 28 Oct 2022 10:31
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 22:45:36 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	247330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	417799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	378986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	27464	10.739	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.480%#		
35) Dibromofluoromethane	7.716	113	26768	10.418	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.840%#		
50) Toluene-d8	10.179	98	102642	10.084	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.160%#		
62) 4-Bromofluorobenzene	12.477	95	33071	9.930	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	13618	10.114	ug/l	96
3) Chloromethane	2.113	50	19593	10.781	ug/l	95
4) Vinyl Chloride	2.253	62	22477	10.481	ug/l	98
5) Bromomethane	2.650	94	17277	11.451	ug/l	95
6) Chloroethane	2.796	64	15525	10.447	ug/l	97
7) Trichlorofluoromethane	3.125	101	36391	10.410	ug/l	94
8) Diethyl Ether	3.527	74	13255	10.525	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	22808	10.331	ug/l	94
10) Methyl Iodide	4.088	142	23416	9.681	ug/l	91
11) Tert butyl alcohol	4.948	59	17166	61.233	ug/l	99
12) 1,1-Dichloroethene	3.869	96	20656	10.396	ug/l	85
13) Acrolein	3.723	56	10814	60.039	ug/l	100
14) Allyl chloride	4.478	41	32172	10.428	ug/l #	86
15) Acrylonitrile	5.167	53	36079	51.919	ug/l	98
16) Acetone	3.948	43	32613	52.120	ug/l #	79
17) Carbon Disulfide	4.192	76	55833	10.826	ug/l	99
18) Methyl Acetate	4.478	43	20494	10.365	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	58757	10.019	ug/l	98
20) Methylene Chloride	4.716	84	40579	12.504	ug/l	85
21) trans-1,2-Dichloroethene	5.222	96	24118	10.587	ug/l	87
22) Diisopropyl ether	6.118	45	74064	10.442	ug/l #	92
23) Vinyl Acetate	6.057	43	202045	50.106	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	46281	10.561	ug/l	99
25) 2-Butanone	6.984	43	47468	52.921	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	41075	10.488	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	28606	10.365	ug/l	89
28) Bromochloromethane	7.332	49	20310	10.150	ug/l	87
29) Tetrahydrofuran	7.344	42	27275	51.037	ug/l #	84
30) Chloroform	7.508	83	49280	10.712	ug/l	99
31) Cyclohexane	7.789	56	37895	10.526	ug/l #	79
32) 1,1,1-Trichloroethane	7.697	97	40238	10.280	ug/l	95
36) 1,1-Dichloropropene	7.917	75	34165	10.200	ug/l	98
37) Ethyl Acetate	7.069	43	19819	10.458	ug/l #	93
38) Carbon Tetrachloride	7.899	117	36698	10.059	ug/l	97
39) Methylcyclohexane	9.185	83	35216	9.423	ug/l	92
40) Benzene	8.161	78	104075	10.378	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	9622	8.919	ug/l #	47
42) 1,2-Dichloroethane	8.234	62	29643	10.389	ug/l	91
43) Isopropyl Acetate	8.270	43	33762	9.991	ug/l #	87
44) Trichloroethene	8.941	130	27584	10.234	ug/l	99
45) 1,2-Dichloropropane	9.215	63	26944	10.207	ug/l	93
46) Dibromomethane	9.307	93	15204	10.304	ug/l	96
47) Bromodichloromethane	9.496	83	37018	10.152	ug/l	98
48) Methyl methacrylate	9.289	41	14523	9.642	ug/l #	79
49) 1,4-Dioxane	9.295	88	4036	198.169	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	94747	49.728	ug/l #	88
52) Toluene	10.240	92	64224	10.231	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	36292	9.926	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	41247	9.953	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	22888	10.421	ug/l	96
56) Ethyl methacrylate	10.508	69	26039	9.421	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	38099	10.392	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	41499	35.538	ug/l	97
59) 2-Hexanone	10.831	43	63451	48.254	ug/l	87
60) Dibromochloromethane	10.983	129	26740	10.297	ug/l	99
61) 1,2-Dibromoethane	11.087	107	20764	10.415	ug/l	99
64) Tetrachloroethene	10.715	164	26389	10.091	ug/l	94
65) Chlorobenzene	11.514	112	70572	10.113	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	27581	10.186	ug/l	97
67) Ethyl Benzene	11.593	91	120614	9.894	ug/l	99
68) m/p-Xylenes	11.703	106	91602	19.715	ug/l	96
69) o-Xylene	12.026	106	43593	9.837	ug/l	92
70) Styrene	12.044	104	73683	9.729	ug/l	96
71) Bromoform	12.209	173	16777	10.112	ug/l #	96
73) Isopropylbenzene	12.331	105	114787	9.701	ug/l	99
74) N-amyl acetate	12.142	43	27593	9.500	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	27220	10.545	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	19684m	10.225	ug/l	
77) Bromobenzene	12.605	156	27570	9.907	ug/l	97
78) n-propylbenzene	12.672	91	140998	9.799	ug/l	99
79) 2-Chlorotoluene	12.751	91	82841	10.066	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	98971	9.928	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	8932	10.068	ug/l #	84
82) 4-Chlorotoluene	12.855	91	87836	10.288	ug/l	98
83) tert-Butylbenzene	13.075	119	83672	9.615	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	96732	9.858	ug/l	100
85) sec-Butylbenzene	13.251	105	127104	9.768	ug/l	98
86) p-Isopropyltoluene	13.367	119	102621	9.600	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	57526	10.182	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	56900	10.067	ug/l	97
89) n-Butylbenzene	13.696	91	93898	9.404	ug/l	99
90) Hexachloroethane	13.958	117	22263	9.970	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	51614	10.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4111	9.892	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	26436	9.089	ug/l	99
94) Hexachlorobutadiene	15.105	225	16447	9.364	ug/l	97
95) Naphthalene	15.233	128	48449	8.323	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	22248	8.787	ug/l	97

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

