

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011593.D
 Acq On : 28 Nov 2022 11:14
 Operator : KP/MD
 Sample : VY1128SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1128SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 00:24:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97710	51.382	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.760%			
35) Dibromofluoromethane	7.716	113	93896	50.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.480%			
50) Toluene-d8	10.179	98	325098	48.348	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.700%			
62) 4-Bromofluorobenzene	12.483	95	126358	50.826	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32948	29.839	ug/l	100
3) Chloromethane	2.113	50	35897	19.875	ug/l	96
4) Vinyl Chloride	2.253	62	40129	18.944	ug/l	97
5) Bromomethane	2.644	94	28209	18.331	ug/l	98
6) Chloroethane	2.790	64	25781	17.444	ug/l	91
7) Trichlorofluoromethane	3.125	101	66012	21.245	ug/l	94
8) Diethyl Ether	3.528	74	22115	22.022	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	38016	21.159	ug/l	96
10) Methyl Iodide	4.088	142	43236	20.654	ug/l	95
11) Tert butyl alcohol	4.948	59	39215	182.256	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	35136	21.349	ug/l	88
13) Acrolein	3.729	56	7925	158.052	ug/l	98
14) Allyl chloride	4.472	41	61140	21.162	ug/l	92
15) Acrylonitrile	5.161	53	60123	109.614	ug/l	98
16) Acetone	3.942	43	61201	99.081	ug/l	93
17) Carbon Disulfide	4.192	76	96163	21.082	ug/l	98
18) Methyl Acetate	4.479	43	34233	22.631	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	104933	22.340	ug/l	96
20) Methylene Chloride	4.710	84	61648	20.224	ug/l #	88
21) trans-1,2-Dichloroethene	5.222	96	39695	20.872	ug/l	91
22) Diisopropyl ether	6.119	45	133758	21.209	ug/l	92
23) Vinyl Acetate	6.058	43	388946	105.875	ug/l	96
24) 1,1-Dichloroethane	6.021	63	76097	20.551	ug/l	99
25) 2-Butanone	6.984	43	86731	106.841	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	72191	21.124	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	47818	21.357	ug/l	94
28) Bromochloromethane	7.332	49	30333	20.391	ug/l #	93
29) Tetrahydrofuran	7.344	42	49103	107.109	ug/l	91
30) Chloroform	7.502	83	81296	21.171	ug/l	99
31) Cyclohexane	7.783	56	64535	20.474	ug/l #	89
32) 1,1,1-Trichloroethane	7.697	97	71768	20.892	ug/l	97
36) 1,1-Dichloropropene	7.917	75	58632	20.271	ug/l	99
37) Ethyl Acetate	7.076	43	34675	21.053	ug/l	97
38) Carbon Tetrachloride	7.899	117	64341	19.883	ug/l	98
39) Methylcyclohexane	9.185	83	66416	20.576	ug/l	93
40) Benzene	8.161	78	172301	20.450	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	18223m	21.883	ug/l	
42) 1,2-Dichloroethane	8.234	62	52697	20.224	ug/l	93
43) Isopropyl Acetate	8.271	43	61054	20.549	ug/l	93
44) Trichloroethene	8.941	130	45646	20.136	ug/l	93
45) 1,2-Dichloropropane	9.216	63	44536	20.680	ug/l	95
46) Dibromomethane	9.307	93	24343	20.216	ug/l	96
47) Bromodichloromethane	9.496	83	61914	20.413	ug/l	96
48) Methyl methacrylate	9.289	41	26735	20.258	ug/l #	87
49) 1,4-Dioxane	9.295	88	6070	407.044	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	169018	102.330	ug/l	93
52) Toluene	10.246	92	107494	20.175	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	61735	20.362	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	68884	20.196	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	35011	20.323	ug/l	97
56) Ethyl methacrylate	10.508	69	44475	20.758	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	59940	20.544	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	110470	105.276	ug/l	97
59) 2-Hexanone	10.831	43	119609	101.463	ug/l	91
60) Dibromochloromethane	10.983	129	44034	20.857	ug/l	100
61) 1,2-Dibromoethane	11.087	107	32437	20.628	ug/l	99
64) Tetrachloroethene	10.721	164	44433	19.830	ug/l	97
65) Chlorobenzene	11.514	112	115924	20.360	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	44292	20.524	ug/l	99
67) Ethyl Benzene	11.593	91	207561	20.189	ug/l	98
68) m/p-Xylenes	11.703	106	158384	40.471	ug/l	98
69) o-Xylene	12.032	106	74153	20.351	ug/l	97
70) Styrene	12.044	104	130214	20.936	ug/l	96
71) Bromoform	12.209	173	27169	20.694	ug/l #	98
73) Isopropylbenzene	12.331	105	204369	20.385	ug/l	100
74) N-amyl acetate	12.142	43	51708	20.885	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	40371	20.435	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	32114m	21.511	ug/l	
77) Bromobenzene	12.611	156	47637	20.349	ug/l	98
78) n-propylbenzene	12.672	91	250245	20.460	ug/l	99
79) 2-Chlorotoluene	12.758	91	142633	20.690	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	176211	20.850	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14095	20.680	ug/l	92
82) 4-Chlorotoluene	12.855	91	147955	20.525	ug/l	100
83) tert-Butylbenzene	13.075	119	149558	20.317	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	173323	20.765	ug/l	99
85) sec-Butylbenzene	13.251	105	224881	20.475	ug/l	100
86) p-Isopropyltoluene	13.367	119	187025	20.403	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	96562	20.263	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	95479	20.037	ug/l	98
89) n-Butylbenzene	13.696	91	170962	20.289	ug/l	100
90) Hexachloroethane	13.959	117	36763	19.861	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	86216	20.410	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6636	20.482	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	49114	20.961	ug/l	99
94) Hexachlorobutadiene	15.111	225	30458	20.912	ug/l	98
95) Naphthalene	15.233	128	92684	21.372	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	42341	21.086	ug/l	99

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

