

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017195.D
 Acq On : 02 Feb 2024 19:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/05/2024
 Supervised By :Mahesh Dadoda 02/05/2024

Quant Time: Feb 02 22:34:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	119078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	181839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	82538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	51849	48.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.480%		
35) Dibromofluoromethane	7.722	113	53764	48.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.200%		
50) Toluene-d8	10.185	98	197900	48.632	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.260%		
62) 4-Bromofluorobenzene	12.489	95	63794	47.855	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35628	39.468	ug/l	97
3) Chloromethane	2.119	50	69934	43.125	ug/l	99
4) Vinyl Chloride	2.253	62	83585	42.296	ug/l	100
5) Bromomethane	2.656	94	62414	45.563	ug/l	97
6) Chloroethane	2.796	64	55745	43.688	ug/l	97
7) Trichlorofluoromethane	3.131	101	84416	41.542	ug/l	98
8) Diethyl Ether	3.534	74	29846	46.693	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	54509	44.250	ug/l	98
10) Methyl Iodide	4.101	142	51748	39.959	ug/l	99
11) Tert butyl alcohol	4.960	59	19563	216.270	ug/l	100
12) 1,1-Dichloroethene	3.875	96	51162	44.325	ug/l	98
13) Acrolein	3.735	56	20223	228.423	ug/l	99
14) Allyl chloride	4.491	41	79807	45.736	ug/l	99
15) Acrylonitrile	5.167	53	67964	236.156	ug/l	100
16) Acetone	3.954	43	59009	188.734	ug/l	98
17) Carbon Disulfide	4.204	76	163642	44.413	ug/l	100
18) Methyl Acetate	4.491	43	36847	52.828	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	127519	45.873	ug/l	98
20) Methylene Chloride	4.728	84	62836	49.000	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	60304	45.926	ug/l	94
22) Diisopropyl ether	6.131	45	183902	47.991	ug/l	97
23) Vinyl Acetate	6.070	43	539624	232.409	ug/l	99
24) 1,1-Dichloroethane	6.027	63	107543	45.813	ug/l	98
25) 2-Butanone	6.996	43	88771	213.577	ug/l	99
26) 2,2-Dichloropropane	6.990	77	81591	41.786	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	67916	46.245	ug/l	99
28) Bromochloromethane	7.344	49	51890	57.731	ug/l	99
29) Tetrahydrofuran	7.356	42	56725	241.596	ug/l	99
30) Chloroform	7.515	83	110600	46.836	ug/l	99
31) Cyclohexane	7.795	56	91029	42.455	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	90638	44.622	ug/l	99
36) 1,1-Dichloropropene	7.929	75	83455	43.287	ug/l	99
37) Ethyl Acetate	7.082	43	38524	43.083	ug/l	99
38) Carbon Tetrachloride	7.911	117	79053	42.826	ug/l	99
39) Methylcyclohexane	9.191	83	98473	43.721	ug/l	99
40) Benzene	8.167	78	250426	45.486	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21556	50.880	ug/l	97
42) 1,2-Dichloroethane	8.246	62	64867	44.500	ug/l	100
43) Isopropyl Acetate	8.283	43	71586	45.225	ug/l	100
44) Trichloroethene	8.947	130	62652	44.830	ug/l	99
45) 1,2-Dichloropropane	9.222	63	62881	46.498	ug/l	99
46) Dibromomethane	9.313	93	33577	45.965	ug/l	99
47) Bromodichloromethane	9.502	83	82364	45.053	ug/l	98
48) Methyl methacrylate	9.301	41	32945	44.372	ug/l	95
49) 1,4-Dioxane	9.301	88	7571	952.202	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	199788	235.457	ug/l	100
52) Toluene	10.252	92	153535	46.201	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	76850	44.753	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	93690	45.551	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	45613	45.894	ug/l	98
56) Ethyl methacrylate	10.514	69	57119	43.153	ug/l	97
57) 1,3-Dichloropropane	10.794	76	79574	46.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	159856	258.177	ug/l	98
59) 2-Hexanone	10.837	43	136246	222.057	ug/l	100
60) Dibromochloromethane	10.990	129	53226	45.650	ug/l	100
61) 1,2-Dibromoethane	11.093	107	42256	45.714	ug/l	98
64) Tetrachloroethene	10.727	164	53325	45.154	ug/l	98
65) Chlorobenzene	11.520	112	156642	44.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	58170	45.631	ug/l	100
67) Ethyl Benzene	11.599	91	287886	45.410	ug/l	100
68) m/p-Xylenes	11.709	106	219598	91.276	ug/l	100
69) o-Xylene	12.038	106	102177	46.118	ug/l	99
70) Styrene	12.050	104	174872	47.904	ug/l	98
71) Bromoform	12.215	173	30450	45.611	ug/l #	100
73) Isopropylbenzene	12.337	105	267605	44.133	ug/l	99
74) N-amyl acetate	12.148	43	61384	45.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	52776	44.253	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	37389m	49.079	ug/l	
77) Bromobenzene	12.617	156	59015	43.878	ug/l	99
78) n-propylbenzene	12.678	91	332458	44.643	ug/l	100
79) 2-Chlorotoluene	12.764	91	182637	44.609	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	217743	45.152	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	15636	42.648	ug/l	98
82) 4-Chlorotoluene	12.861	91	188961	44.844	ug/l	100
83) tert-Butylbenzene	13.081	119	185552	44.888	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	215020	45.172	ug/l	98
85) sec-Butylbenzene	13.257	105	286521	44.348	ug/l	100
86) p-Isopropyltoluene	13.373	119	231991	44.935	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	119044	44.368	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	114930	44.090	ug/l	99
89) n-Butylbenzene	13.702	91	221596	45.144	ug/l	99
90) Hexachloroethane	13.971	117	45807	43.219	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	103060	45.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6761	43.523	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	52170	45.983	ug/l	98
94) Hexachlorobutadiene	15.117	225	29680	44.417	ug/l	99
95) Naphthalene	15.245	128	99800	44.257	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	44710	46.335	ug/l	98

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

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