

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017858.D
 Acq On : 04 Apr 2024 17:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 05 00:49:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	133857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	221157	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.501	117	198725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	72235	62.362	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.720%			
35) Dibromofluoromethane	7.728	113	75843	59.348	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.700%			
50) Toluene-d8	10.191	98	280503	58.760	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.520%			
62) 4-Bromofluorobenzene	12.489	95	84130	57.925	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	50932	56.895	ug/l	97
3) Chloromethane	2.119	50	106373	60.883	ug/l	97
4) Vinyl Chloride	2.259	62	160103	70.118	ug/l	99
5) Bromomethane	2.655	94	144866	78.466	ug/l	99
6) Chloroethane	2.802	64	122860	82.469	ug/l	97
7) Trichlorofluoromethane	3.131	101	125953	56.564	ug/l	97
8) Diethyl Ether	3.539	74	38198	58.399	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.911	101	71575	53.599	ug/l	98
10) Methyl Iodide	4.106	142	85741	59.042	ug/l	98
11) Tert butyl alcohol	4.960	59	24549	287.622	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	68382	54.723	ug/l	100
13) Acrolein	3.740	56	16106	198.468	ug/l	99
14) Allyl chloride	4.496	41	79793	52.049	ug/l	89
15) Acrylonitrile	5.173	53	79084	286.431	ug/l	99
16) Acetone	3.954	43	57522	240.243	ug/l	91
17) Carbon Disulfide	4.204	76	185686	52.508	ug/l	98
18) Methyl Acetate	4.484	43	30788	58.054	ug/l	99
19) Methyl tert-butyl Ether	5.240	73	174158	60.869	ug/l	100
20) Methylene Chloride	4.734	84	81036	55.525	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	78258	58.524	ug/l	98
22) Diisopropyl ether	6.136	45	204410	57.688	ug/l	94
23) Vinyl Acetate	6.075	43	634144	293.122	ug/l	100
24) 1,1-Dichloroethane	6.033	63	136780	58.160	ug/l	97
25) 2-Butanone	7.002	43	91135	267.189	ug/l	99
26) 2,2-Dichloropropane	6.996	77	111529	54.906	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	96690	61.183	ug/l	99
28) Bromochloromethane	7.350	49	49010	51.245	ug/l	93
29) Tetrahydrofuran	7.362	42	59815	292.260	ug/l	99
30) Chloroform	7.520	83	150678	61.750	ug/l	99
31) Cyclohexane	7.795	56	101035	49.514	ug/l	98
32) 1,1,1-Trichloroethane	7.715	97	124797	60.090	ug/l	97
36) 1,1-Dichloropropene	7.929	75	101296	54.325	ug/l	98
37) Ethyl Acetate	7.087	43	42755	53.134	ug/l	99
38) Carbon Tetrachloride	7.910	117	107801	55.691	ug/l	98
39) Methylcyclohexane	9.197	83	121148	52.015	ug/l	98
40) Benzene	8.173	78	324437	56.459	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	19362m	43.197	ug/l	
42) 1,2-Dichloroethane	8.246	62	85363	60.354	ug/l	98
43) Isopropyl Acetate	8.282	43	83991	57.517	ug/l	97
44) Trichloroethene	8.953	130	82717	55.327	ug/l	95
45) 1,2-Dichloropropane	9.227	63	74810	56.026	ug/l	99
46) Dibromomethane	9.319	93	45638	60.159	ug/l	97
47) Bromodichloromethane	9.508	83	115029	60.009	ug/l	99
48) Methyl methacrylate	9.307	41	37665	59.020	ug/l	95
49) 1,4-Dioxane	9.307	88	10075	1183.025	ug/l #	93
51) 4-Methyl-2-Pentanone	10.081	43	227754	304.207	ug/l	99
52) Toluene	10.251	92	203892	58.496	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	99839	58.660	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	117952	56.784	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	58740	58.110	ug/l	96
56) Ethyl methacrylate	10.520	69	76775	59.794	ug/l #	94
57) 1,3-Dichloropropane	10.800	76	100299	58.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.794	63	176699	276.175	ug/l	100
59) 2-Hexanone	10.843	43	152002	287.984	ug/l	98
60) Dibromochloromethane	10.995	129	77415	60.721	ug/l	99
61) 1,2-Dibromoethane	11.093	107	55125	59.806	ug/l	99
64) Tetrachloroethene	10.727	164	96023	55.399	ug/l	96
65) Chlorobenzene	11.526	112	225117	55.223	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.599	131	79814	57.662	ug/l	97
67) Ethyl Benzene	11.599	91	391981	55.935	ug/l	99
68) m/p-Xylenes	11.709	106	302934	113.985	ug/l	99
69) o-Xylene	12.038	106	139352	60.861	ug/l	96
70) Styrene	12.050	104	245061	61.858	ug/l	99
71) Bromoform	12.215	173	42855	55.855	ug/l #	99
73) Isopropylbenzene	12.336	105	365951	57.023	ug/l	99
74) N-amyl acetate	12.148	43	70693	56.904	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.586	83	62462	56.265	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	48334m	57.920	ug/l	
77) Bromobenzene	12.617	156	86036	56.289	ug/l	98
78) n-propylbenzene	12.678	91	438237	55.963	ug/l	100
79) 2-Chlorotoluene	12.763	91	240329	56.029	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	283516	56.607	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	21164	57.650	ug/l	98
82) 4-Chlorotoluene	12.861	91	244837	55.125	ug/l	98
83) tert-Butylbenzene	13.080	119	257861	56.629	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	284862	57.107	ug/l	100
85) sec-Butylbenzene	13.257	105	390819	57.184	ug/l	100
86) p-Isopropyltoluene	13.373	119	323804	56.681	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	168945	55.704	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	160704	55.359	ug/l	98
89) n-Butylbenzene	13.702	91	294637	56.058	ug/l	98
90) Hexachloroethane	13.964	117	63552	55.946	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	142131	56.536	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7831	52.201	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	74281	53.945	ug/l	98
94) Hexachlorobutadiene	15.116	225	43547	52.168	ug/l	99
95) Naphthalene	15.245	128	130840	56.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	63688	54.755	ug/l	99

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

