

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
 Data File : VY018553.D
 Acq On : 11 Jun 2024 13:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

06/12/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jun 12 02:57:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	45330	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	70293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	65022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39532	44.408	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.820%
35) Dibromofluoromethane	7.710	113	39880	44.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.480%
50) Toluene-d8	10.179	98	162413	45.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.600%
62) 4-Bromofluorobenzene	12.477	95	51933	47.037	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	30257	42.028	ug/l	98
3) Chloromethane	2.107	50	74579	55.549	ug/l	97
4) Vinyl Chloride	2.247	62	91529	56.996	ug/l	97
5) Bromomethane	2.643	94	55161	51.485	ug/l	91
6) Chloroethane	2.784	64	57954	57.158	ug/l	99
7) Trichlorofluoromethane	3.113	101	85980	51.747	ug/l	97
8) Diethyl Ether	3.515	74	25860	51.726	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	47153	48.736	ug/l	91
10) Methyl Iodide	4.082	142	49664	52.260	ug/l	95
11) Tert butyl alcohol	4.942	59	19698	178.315	ug/l #	76
12) 1,1-Dichloroethene	3.863	96	46573	48.975	ug/l	90
13) Acrolein	3.716	56	17308	189.946	ug/l	96
14) Allyl chloride	4.466	41	80454	57.767	ug/l #	94
15) Acrylonitrile	5.143	53	61185	267.614	ug/l	99
16) Acetone	3.936	43	63241	320.074	ug/l #	81
17) Carbon Disulfide	4.186	76	134023	48.043	ug/l	99
18) Methyl Acetate	4.466	43	26600	53.837	ug/l	90
19) Methyl tert-butyl Ether	5.210	73	119769	52.258	ug/l	97
20) Methylene Chloride	4.704	84	54330	49.994	ug/l #	80
21) trans-1,2-Dichloroethene	5.210	96	52763	51.992	ug/l	89
22) Diisopropyl ether	6.106	45	174686	61.590	ug/l #	92
23) Vinyl Acetate	6.045	43	543989	294.705	ug/l #	92
24) 1,1-Dichloroethane	6.003	63	99992	56.522	ug/l	95
25) 2-Butanone	6.972	43	86989	287.390	ug/l #	82
26) 2,2-Dichloropropane	6.972	77	82211	52.873	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	63553	53.837	ug/l	90
28) Bromochloromethane	7.326	49	44006	54.055	ug/l #	76
29) Tetrahydrofuran	7.338	42	54282	276.138	ug/l #	85
30) Chloroform	7.496	83	100154	56.446	ug/l	97
31) Cyclohexane	7.777	56	87865	52.937	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	87019	55.995	ug/l	95
36) 1,1-Dichloropropene	7.911	75	75352	55.442	ug/l	96
37) Ethyl Acetate	7.063	43	37942	55.882	ug/l	97
38) Carbon Tetrachloride	7.893	117	72234	53.037	ug/l	96
39) Methylcyclohexane	9.179	83	97213	52.910	ug/l	94
40) Benzene	8.155	78	230875	56.694	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20589m	62.342	ug/l	
42) 1,2-Dichloroethane	8.228	62	55074	55.628	ug/l	97
43) Isopropyl Acetate	8.264	43	72607	57.191	ug/l #	90
44) Trichloroethene	8.935	130	52989	52.508	ug/l	91
45) 1,2-Dichloropropane	9.209	63	54521	58.542	ug/l	96
46) Dibromomethane	9.301	93	28863	54.055	ug/l	89
47) Bromodichloromethane	9.490	83	71748	55.977	ug/l #	97
48) Methyl methacrylate	9.289	41	32473	55.594	ug/l	88
49) 1,4-Dioxane	9.295	88	7246	1033.387	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	193918	294.159	ug/l	91
52) Toluene	10.240	92	144018	57.500	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	67292	57.170	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	82736	57.088	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	38749	55.779	ug/l	86
56) Ethyl methacrylate	10.508	69	55898	57.181	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	69576	58.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	126257	240.512	ug/l	94
59) 2-Hexanone	10.831	43	141206	309.965	ug/l	88
60) Dibromochloromethane	10.983	129	46164	54.394	ug/l	100
61) 1,2-Dibromoethane	11.087	107	36425	55.682	ug/l	96
64) Tetrachloroethene	10.715	164	46984	49.056	ug/l	93
65) Chlorobenzene	11.514	112	147775	52.996	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	47326	52.489	ug/l	99
67) Ethyl Benzene	11.593	91	285245	56.202	ug/l	98
68) m/p-Xylenes	11.703	106	213478	111.704	ug/l	96
69) o-Xylene	12.026	106	98674	53.636	ug/l	95
70) Styrene	12.044	104	170563	56.744	ug/l	98
71) Bromoform	12.209	173	22924	48.262	ug/l #	100
73) Isopropylbenzene	12.325	105	266272	53.846	ug/l	99
74) N-amyl acetate	12.142	43	66415	55.177	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	45722	52.525	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	31882m	53.654	ug/l	
77) Bromobenzene	12.605	156	52148	49.667	ug/l	86
78) n-propylbenzene	12.666	91	325447	54.835	ug/l	98
79) 2-Chlorotoluene	12.757	91	176083	54.573	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	208375	54.104	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14611	51.659	ug/l	91
82) 4-Chlorotoluene	12.855	91	179132	55.171	ug/l	97
83) tert-Butylbenzene	13.074	119	189927	53.329	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	211346	56.051	ug/l	97
85) sec-Butylbenzene	13.251	105	285571	54.447	ug/l	98
86) p-Isopropyltoluene	13.367	119	234623	55.426	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	109735	52.984	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	108874	53.509	ug/l	98
89) n-Butylbenzene	13.696	91	224529	55.817	ug/l	99
90) Hexachloroethane	13.958	117	40616	51.190	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	94200	52.268	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6058	45.733	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	46381	47.585	ug/l	98
94) Hexachlorobutadiene	15.111	225	22965	44.363	ug/l	98
95) Naphthalene	15.239	128	94483	48.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	38447	46.620	ug/l	97

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

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