

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018725.D
 Acq On : 28 Jun 2024 10:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024

Quant Time: Jul 01 01:42:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	125321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	200694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61383	48.650	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.300%		
35) Dibromofluoromethane	7.709	113	71693	58.560	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	117.120%		
50) Toluene-d8	10.179	98	260598	55.351	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	110.700%		
62) 4-Bromofluorobenzene	12.477	95	79469	53.454	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35814	43.390	ug/l	96
3) Chloromethane	2.101	50	69475	40.868	ug/l	98
4) Vinyl Chloride	2.241	62	86124	40.909	ug/l	100
5) Bromomethane	2.643	94	61551	39.335	ug/l	98
6) Chloroethane	2.784	64	56392	40.890	ug/l	98
7) Trichlorofluoromethane	3.113	101	108761	47.975	ug/l	100
8) Diethyl Ether	3.521	74	29550	45.715	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	61557	51.969	ug/l	96
10) Methyl Iodide	4.076	142	71015	49.591	ug/l	98
11) Tert butyl alcohol	4.954	59	20749	91.425	ug/l #	83
12) 1,1-Dichloroethene	3.856	96	58704	49.316	ug/l	99
13) Acrolein	3.722	56	11163	152.994	ug/l	98
14) Allyl chloride	4.466	41	71638	44.640	ug/l	98
15) Acrylonitrile	5.143	53	62503	217.358	ug/l	99
16) Acetone	3.936	43	58045	226.120	ug/l	94
17) Carbon Disulfide	4.180	76	147597	41.289	ug/l	99
18) Methyl Acetate	4.466	43	30398	46.686	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	146316	46.079	ug/l	98
20) Methylene Chloride	4.704	84	68887	42.135	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	64969	47.945	ug/l	93
22) Diisopropyl ether	6.106	45	160789	44.382	ug/l	96
23) Vinyl Acetate	6.045	43	644458	192.466	ug/l	99
24) 1,1-Dichloroethane	6.002	63	108656	46.554	ug/l	99
25) 2-Butanone	6.972	43	81296	211.279	ug/l	95
26) 2,2-Dichloropropane	6.966	77	91011	46.282	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	78408	47.904	ug/l	100
28) Bromochloromethane	7.325	49	43298	45.260	ug/l	92
29) Tetrahydrofuran	7.344	42	47770	202.302	ug/l	98
30) Chloroform	7.496	83	122254	48.063	ug/l	99
31) Cyclohexane	7.777	56	83785	43.351	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	107644	49.814	ug/l	98
36) 1,1-Dichloropropene	7.911	75	83216	49.382	ug/l	100
37) Ethyl Acetate	7.057	43	35480	44.663	ug/l	96
38) Carbon Tetrachloride	7.892	117	96508	54.587	ug/l	99
39) Methylcyclohexane	9.179	83	105918	51.297	ug/l	98
40) Benzene	8.154	78	262166	50.304	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	16220	40.597	ug/l	88
42) 1,2-Dichloroethane	8.228	62	64841	47.689	ug/l	99
43) Isopropyl Acetate	8.264	43	67879	45.781	ug/l	96
44) Trichloroethene	8.935	130	72920	53.442	ug/l	99
45) 1,2-Dichloropropane	9.209	63	57298	48.081	ug/l	100
46) Dibromomethane	9.301	93	37003	50.043	ug/l	97
47) Bromodichloromethane	9.490	83	91282	51.723	ug/l	99
48) Methyl methacrylate	9.288	41	30145	45.161	ug/l	96
49) 1,4-Dioxane	9.301	88	8124	835.390	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	176373	225.831	ug/l	99
52) Toluene	10.239	92	167680	50.113	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	78224	50.720	ug/l	95
54) cis-1,3-Dichloropropene	9.922	75	95083	51.088	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	49601	50.433	ug/l	96
56) Ethyl methacrylate	10.508	69	62259	48.376	ug/l	97
57) 1,3-Dichloropropane	10.782	76	79899	48.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	129966	209.186	ug/l	93
59) 2-Hexanone	10.831	43	121949	222.917	ug/l	98
60) Dibromochloromethane	10.983	129	67442	55.202	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48354	53.199	ug/l	97
64) Tetrachloroethene	10.715	164	73279	59.667	ug/l	98
65) Chlorobenzene	11.514	112	194918	54.798	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	67995	57.042	ug/l	97
67) Ethyl Benzene	11.593	91	320750	51.969	ug/l	95
68) m/p-Xylenes	11.703	106	248460	103.455	ug/l	96
69) o-Xylene	12.026	106	117573	50.909	ug/l	95
70) Styrene	12.044	104	196908	51.610	ug/l	97
71) Bromoform	12.209	173	38864	59.418	ug/l #	99
73) Isopropylbenzene	12.331	105	307587	49.041	ug/l	97
74) N-amyl acetate	12.142	43	51855	40.374	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	48799	43.818	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	32876m	40.804	ug/l	
77) Bromobenzene	12.605	156	79621	54.892	ug/l	82
78) n-propylbenzene	12.672	91	343465	46.792	ug/l	94
79) 2-Chlorotoluene	12.757	91	190988	46.094	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	244654	49.217	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	14041	45.648	ug/l	91
82) 4-Chlorotoluene	12.855	91	194932	46.719	ug/l	94
83) tert-Butylbenzene	13.074	119	233087	50.664	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	240234	48.353	ug/l	97
85) sec-Butylbenzene	13.251	105	324928	49.519	ug/l	95
86) p-Isopropyltoluene	13.367	119	281972	50.688	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	151879	51.913	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	148209	51.624	ug/l	99
89) n-Butylbenzene	13.696	91	241073	48.080	ug/l	97
90) Hexachloroethane	13.964	117	52291	51.745	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	130578	52.247	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7378	45.752	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	82142	58.994	ug/l	99
94) Hexachlorobutadiene	15.117	225	48412	67.669	ug/l	99
95) Naphthalene	15.239	128	137907	53.000	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	71532	60.803	ug/l	98

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

