

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018810.D
 Acq On : 15 Jul 2024 11:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 15 13:12:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/16/2024
 Supervised By :Semsettin Yesilyurt 07/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	102491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	163299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	147354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	48133	47.726	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.460%		
35) Dibromofluoromethane	7.704	113	49207	48.111	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.220%		
50) Toluene-d8	10.173	98	179676	46.369	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.740%		
62) 4-Bromofluorobenzene	12.477	95	63324	47.854	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	39983	46.557	ug/l	91
3) Chloromethane	2.101	50	66460	50.925	ug/l	100
4) Vinyl Chloride	2.235	62	74708	48.936	ug/l	98
5) Bromomethane	2.631	94	51195	48.752	ug/l	95
6) Chloroethane	2.778	64	48719	49.120	ug/l	99
7) Trichlorofluoromethane	3.101	101	99734	49.994	ug/l	99
8) Diethyl Ether	3.509	74	26650	54.809	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.881	101	48351	47.239	ug/l	93
10) Methyl Iodide	4.070	142	59575	54.051	ug/l	90
11) Tert butyl alcohol	4.942	59	19938	195.155	ug/l #	90
12) 1,1-Dichloroethene	3.851	96	48238	48.716	ug/l	99
13) Acrolein	3.711	56	17317	211.562	ug/l	97
14) Allyl chloride	4.454	41	63728	51.950	ug/l	91
15) Acrylonitrile	5.143	53	52170	271.978	ug/l	99
16) Acetone	3.924	43	56212	302.321	ug/l #	85
17) Carbon Disulfide	4.174	76	139009	50.136	ug/l	98
18) Methyl Acetate	4.460	43	25893	47.927	ug/l	99
19) Methyl tert-butyl Ether	5.198	73	124156	54.051	ug/l	99
20) Methylene Chloride	4.692	84	59634	57.364	ug/l	87
21) trans-1,2-Dichloroethene	5.192	96	54079	51.746	ug/l	98
22) Diisopropyl ether	6.100	45	138777	52.007	ug/l	93
23) Vinyl Acetate	6.039	43	569549	270.923	ug/l	98
24) 1,1-Dichloroethane	5.997	63	87633	51.436	ug/l	99
25) 2-Butanone	6.972	43	72448	277.973	ug/l	93
26) 2,2-Dichloropropane	6.966	77	80845	51.142	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	62770	51.589	ug/l	98
28) Bromochloromethane	7.314	49	37486	54.781	ug/l	98
29) Tetrahydrofuran	7.332	42	43705	273.529	ug/l	94
30) Chloroform	7.490	83	101076	53.232	ug/l	93
31) Cyclohexane	7.771	56	69853	45.083	ug/l	97
32) 1,1,1-Trichloroethane	7.685	97	91967	52.086	ug/l	100
36) 1,1-Dichloropropene	7.905	75	68474	48.513	ug/l	99
37) Ethyl Acetate	7.064	43	30758	52.426	ug/l	98
38) Carbon Tetrachloride	7.887	117	83712	49.242	ug/l	94
39) Methylcyclohexane	9.173	83	84867	46.919	ug/l	95
40) Benzene	8.149	78	207456	50.667	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	16085m	48.088	ug/l	
42) 1,2-Dichloroethane	8.228	62	58168	50.740	ug/l	98
43) Isopropyl Acetate	8.265	43	61531	52.707	ug/l #	81
44) Trichloroethene	8.929	130	58988	50.400	ug/l	99
45) 1,2-Dichloropropane	9.210	63	45917	51.498	ug/l	93
46) Dibromomethane	9.295	93	30593	52.934	ug/l	98
47) Bromodichloromethane	9.484	83	75821	52.515	ug/l	100
48) Methyl methacrylate	9.283	41	27078	51.031	ug/l #	89
49) 1,4-Dioxane	9.289	88	7303	1077.969	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	160679	269.582	ug/l	92
52) Toluene	10.234	92	136577	50.185	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	68150	54.669	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	77167	52.766	ug/l	91
55) 1,1,2-Trichloroethane	10.636	97	38414	52.488	ug/l	94
56) Ethyl methacrylate	10.502	69	52662	54.655	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	64568	53.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	135649	294.677	ug/l	92
59) 2-Hexanone	10.825	43	115113	276.064	ug/l	92
60) Dibromochloromethane	10.977	129	55081	54.776	ug/l	99
61) 1,2-Dibromoethane	11.081	107	36969	51.960	ug/l	99
64) Tetrachloroethene	10.715	164	58315	48.893	ug/l	99
65) Chlorobenzene	11.514	112	154904	49.833	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	54126	50.538	ug/l	98
67) Ethyl Benzene	11.587	91	261498	48.021	ug/l	99
68) m/p-Xylenes	11.697	106	209446	98.014	ug/l	100
69) o-Xylene	12.026	106	98465	49.012	ug/l	96
70) Styrene	12.038	104	168400	50.237	ug/l	97
71) Bromoform	12.209	173	31806	54.484	ug/l #	99
73) Isopropylbenzene	12.325	105	254959	47.687	ug/l	98
74) N-amyl acetate	12.142	43	55901	51.126	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	42825	50.810	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	34631m	60.526	ug/l	
77) Bromobenzene	12.605	156	63715	49.919	ug/l	93
78) n-propylbenzene	12.666	91	305488	48.115	ug/l	97
79) 2-Chlorotoluene	12.752	91	172535	48.329	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	213361	48.773	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	13506	52.830	ug/l	85
82) 4-Chlorotoluene	12.849	91	177136	48.185	ug/l	98
83) tert-Butylbenzene	13.075	119	196788	48.725	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	209003	48.079	ug/l	99
85) sec-Butylbenzene	13.251	105	272442	47.524	ug/l	97
86) p-Isopropyltoluene	13.367	119	239601	48.414	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	124631	49.716	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	119989	48.293	ug/l	98
89) n-Butylbenzene	13.690	91	214211	47.743	ug/l	98
90) Hexachloroethane	13.959	117	46455	50.473	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	107878	49.818	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7283	53.326	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	71312	53.947	ug/l	98
94) Hexachlorobutadiene	15.111	225	37947	49.804	ug/l	97
95) Naphthalene	15.233	128	124695	54.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	60665	53.637	ug/l	98

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

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