

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017599.D
 Acq On : 07 Mar 2024 11:10
 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 :Mahesh Dadoda 03/08/2024
 Supervised By :Semsettin Yesilyurt 03/08/2024

Quant Time: Mar 08 03:23:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	195337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	100211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	65994	48.161	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.320%		
35) Dibromofluoromethane	7.722	113	77190	50.716	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.440%		
50) Toluene-d8	10.185	98	291033	54.690	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	109.380%		
62) 4-Bromofluorobenzene	12.489	95	93025	55.624	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	111.240%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	52179	48.924	ug/l	100
3) Chloromethane	2.113	50	96461	49.500	ug/l	97
4) Vinyl Chloride	2.247	62	132100	52.840	ug/l	100
5) Bromomethane	2.649	94	106800	52.423	ug/l	99
6) Chloroethane	2.790	64	85630	54.296	ug/l	100
7) Trichlorofluoromethane	3.119	101	133754	52.495	ug/l	94
8) Diethyl Ether	3.527	74	39349	52.654	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	78652	53.666	ug/l	98
10) Methyl Iodide	4.088	142	94784	57.628	ug/l	100
11) Tert butyl alcohol	4.954	59	23687	203.504	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	74224	54.343	ug/l	99
13) Acrolein	3.722	56	37167	242.004	ug/l	98
14) Allyl chloride	4.478	41	87718	53.152	ug/l	97
15) Acrylonitrile	5.161	53	78638	255.978	ug/l	100
16) Acetone	3.942	43	73409	276.206	ug/l	94
17) Carbon Disulfide	4.192	76	225892	55.101	ug/l	97
18) Methyl Acetate	4.472	43	35236	54.647	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	168564	52.950	ug/l	98
20) Methylene Chloride	4.716	84	91146	59.401	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	87983	55.017	ug/l	97
22) Diisopropyl ether	6.118	45	207658	54.528	ug/l	96
23) Vinyl Acetate	6.057	43	611793	269.594	ug/l	100
24) 1,1-Dichloroethane	6.021	63	139687	53.690	ug/l	99
25) 2-Butanone	6.984	43	100336	264.903	ug/l	99
26) 2,2-Dichloropropane	6.984	77	121892	55.723	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	97604	54.359	ug/l	99
28) Bromochloromethane	7.338	49	52585	51.319	ug/l	93
29) Tetrahydrofuran	7.350	42	59417	260.233	ug/l	100
30) Chloroform	7.508	83	148569	53.635	ug/l	100
31) Cyclohexane	7.789	56	118499	53.139	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	131322	54.607	ug/l	99
36) 1,1-Dichloropropene	7.923	75	117615	57.275	ug/l	100
37) Ethyl Acetate	7.075	43	42423	52.306	ug/l	98
38) Carbon Tetrachloride	7.905	117	118788	57.718	ug/l	97
39) Methylcyclohexane	9.185	83	146646	59.422	ug/l	99
40) Benzene	8.161	78	344432	56.479	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	23444	57.602	ug/l	92
42) 1,2-Dichloroethane	8.240	62	81425	54.724	ug/l	99
43) Isopropyl Acetate	8.276	43	75596	53.041	ug/l	98
44) Trichloroethene	8.941	130	97977	55.740	ug/l	98
45) 1,2-Dichloropropane	9.221	63	80875	55.742	ug/l	99
46) Dibromomethane	9.307	93	45878	55.251	ug/l	96
47) Bromodichloromethane	9.502	83	112336	55.718	ug/l	97
48) Methyl methacrylate	9.295	41	36485	55.304	ug/l	96
49) 1,4-Dioxane	9.301	88	9916	1055.208	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	213530	268.818	ug/l	99
52) Toluene	10.246	92	221371	57.581	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	106345	56.828	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	128655	56.580	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	64014	54.298	ug/l	97
56) Ethyl methacrylate	10.514	69	74662	51.403	ug/l	97
57) 1,3-Dichloropropane	10.794	76	105560	55.071	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	186438	274.049	ug/l	98
59) 2-Hexanone	10.837	43	154989	284.066	ug/l	98
60) Dibromochloromethane	10.989	129	79474	56.983	ug/l	99
61) 1,2-Dibromoethane	11.093	107	61213	56.342	ug/l	98
64) Tetrachloroethene	10.727	164	97722	52.121	ug/l	97
65) Chlorobenzene	11.520	112	235250	56.739	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	88286	56.838	ug/l	99
67) Ethyl Benzene	11.599	91	419680	57.717	ug/l	97
68) m/p-Xylenes	11.709	106	336539	117.786	ug/l	97
69) o-Xylene	12.038	106	155149	58.531	ug/l	97
70) Styrene	12.050	104	257092	58.431	ug/l	98
71) Bromoform	12.215	173	48602	56.464	ug/l #	98
73) Isopropylbenzene	12.337	105	405825	54.510	ug/l	99
74) N-amyl acetate	12.148	43	66833	50.897	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	69688	54.509	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	48857m	51.312	ug/l	
77) Bromobenzene	12.617	156	95870	53.174	ug/l	95
78) n-propylbenzene	12.678	91	494052	55.305	ug/l	99
79) 2-Chlorotoluene	12.763	91	263676	52.719	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	332002	55.661	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	21746	52.478	ug/l	97
82) 4-Chlorotoluene	12.861	91	273820	53.526	ug/l	97
83) tert-Butylbenzene	13.080	119	291543	55.662	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	327361	55.592	ug/l	99
85) sec-Butylbenzene	13.257	105	448198	55.970	ug/l	99
86) p-Isopropyltoluene	13.373	119	374555	57.138	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	196934	54.418	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	188643	53.617	ug/l	99
89) n-Butylbenzene	13.702	91	338850	56.656	ug/l	99
90) Hexachloroethane	13.964	117	71801	54.634	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	168428	55.022	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8794	48.929	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	93101	57.581	ug/l	98
94) Hexachlorobutadiene	15.117	225	57970	58.071	ug/l	99
95) Naphthalene	15.239	128	153718	49.138	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	77905	56.165	ug/l	99

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

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