

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018150.D
 Acq On : 03 May 2024 18:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024

Quant Time: May 06 03:02:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	243074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	428704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	370413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100248	52.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.640%
35) Dibromofluoromethane	7.716	113	117843	47.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.660%
50) Toluene-d8	10.179	98	454169	47.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.483	95	144709	43.720	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	93695	48.289	ug/l	99
3) Chloromethane	2.107	50	156432	61.703	ug/l	100
4) Vinyl Chloride	2.241	62	166940	60.861	ug/l	98
5) Bromomethane	2.643	94	120251	71.025	ug/l	94
6) Chloroethane	2.790	64	110134	64.472	ug/l	97
7) Trichlorofluoromethane	3.119	101	183012	50.116	ug/l	96
8) Diethyl Ether	3.521	74	68072	58.056	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	114512	50.248	ug/l	98
10) Methyl Iodide	4.082	142	163038	53.977	ug/l	98
11) Tert butyl alcohol	4.960	59	44880	287.402	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	124504	53.576	ug/l	93
13) Acrolein	3.722	56	50414	216.906	ug/l	100
14) Allyl chloride	4.466	41	169849	55.281	ug/l	97
15) Acrylonitrile	5.155	53	137508	312.217	ug/l	99
16) Acetone	3.942	43	86295	236.420	ug/l	100
17) Carbon Disulfide	4.186	76	376224	54.218	ug/l	100
18) Methyl Acetate	4.478	43	56583	60.529	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	300049	56.267	ug/l	99
20) Methylene Chloride	4.704	84	138768	54.255	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	140532	56.886	ug/l	94
22) Diisopropyl ether	6.112	45	352263	55.667	ug/l	95
23) Vinyl Acetate	6.051	43	1101842	274.532	ug/l	98
24) 1,1-Dichloroethane	6.009	63	216097	56.554	ug/l	99
25) 2-Butanone	6.978	43	152425	268.425	ug/l	96
26) 2,2-Dichloropropane	6.978	77	171056	47.867	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	165312	56.112	ug/l	95
28) Bromochloromethane	7.332	49	87578	56.714	ug/l	95
29) Tetrahydrofuran	7.344	42	104858	290.468	ug/l	98
30) Chloroform	7.502	83	225454	55.758	ug/l	99
31) Cyclohexane	7.783	56	178904	48.731	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	193082	52.317	ug/l	98
36) 1,1-Dichloropropene	7.917	75	158251	48.121	ug/l	98
37) Ethyl Acetate	7.076	43	74379	51.973	ug/l	98
38) Carbon Tetrachloride	7.899	117	170254	45.612	ug/l	99
39) Methylcyclohexane	9.179	83	215982	44.715	ug/l	98
40) Benzene	8.155	78	542660	51.353	ug/l	99

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41) Methacrylonitrile	7.301	41	42356	50.187	ug/l	96
42) 1,2-Dichloroethane	8.234	62	121212	49.511	ug/l	98
43) Isopropyl Acetate	8.270	43	151291	50.319	ug/l	96
44) Trichloroethene	8.935	130	147567	49.242	ug/l	95
45) 1,2-Dichloropropane	9.215	63	118531	51.410	ug/l	99
46) Dibromomethane	9.301	93	70337	50.177	ug/l	95
47) Bromodichloromethane	9.496	83	170760	49.620	ug/l	98
48) Methyl methacrylate	9.289	41	69770	50.694	ug/l	93
49) 1,4-Dioxane	9.295	88	17440	1121.389	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	382049	260.170	ug/l	96
52) Toluene	10.246	92	343775	49.155	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	159220	47.884	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	192481	49.274	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	96032	50.935	ug/l	97
56) Ethyl methacrylate	10.508	69	134622	50.502	ug/l #	92
57) 1,3-Dichloropropane	10.788	76	154889	51.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	314331	252.605	ug/l	94
59) 2-Hexanone	10.831	43	258697	246.831	ug/l	94
60) Dibromochloromethane	10.983	129	124690	48.692	ug/l	100
61) 1,2-Dibromoethane	11.087	107	89690	49.644	ug/l	100
64) Tetrachloroethene	10.721	164	124472	46.422	ug/l	98
65) Chlorobenzene	11.514	112	385223	49.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	126399	48.061	ug/l	99
67) Ethyl Benzene	11.593	91	636177	48.522	ug/l	94
68) m/p-Xylenes	11.703	106	501072	95.379	ug/l	98
69) o-Xylene	12.032	106	244159	48.378	ug/l	95
70) Styrene	12.044	104	413672	48.701	ug/l	98
71) Bromoform	12.209	173	70484	45.734	ug/l #	98
73) Isopropylbenzene	12.331	105	604102	48.086	ug/l	97
74) N-amyl acetate	12.142	43	136749	49.595	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	103078	51.564	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	70822m	50.556	ug/l	
77) Bromobenzene	12.611	156	146435	49.056	ug/l	94
78) n-propylbenzene	12.672	91	696544	48.148	ug/l	97
79) 2-Chlorotoluene	12.757	91	391236	47.618	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	474447	46.859	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	36141	47.000	ug/l	96
82) 4-Chlorotoluene	12.855	91	396729	47.122	ug/l	97
83) tert-Butylbenzene	13.074	119	435474	46.978	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	471735	47.560	ug/l	98
85) sec-Butylbenzene	13.251	105	628645	47.259	ug/l	97
86) p-Isopropyltoluene	13.367	119	519796	46.889	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	273398	47.886	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	269718	47.930	ug/l	99
89) n-Butylbenzene	13.696	91	458033	46.688	ug/l	97
90) Hexachloroethane	13.958	117	105565	46.871	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	244778	49.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14731	48.852	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	135387	48.691	ug/l	99
94) Hexachlorobutadiene	15.111	225	69758	45.324	ug/l	97
95) Naphthalene	15.233	128	271002	52.934	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	115712	49.872	ug/l	99

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

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