

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018376.D
 Acq On : 28 May 2024 11:18
 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 05/29/2024
 Supervised By :Semsettin Yesilyurt 05/29/2024

Quant Time: May 29 01:15:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	154498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	64740	44.229	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.460%		
35) Dibromofluoromethane	7.710	113	70276	44.498	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.000%		
50) Toluene-d8	10.179	98	266661	43.308	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.620%		
62) 4-Bromofluorobenzene	12.483	95	82129	43.167	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	64856	49.183	ug/l	99
3) Chloromethane	2.107	50	118643	55.364	ug/l	98
4) Vinyl Chloride	2.241	62	130993	54.640	ug/l	97
5) Bromomethane	2.643	94	89126	51.998	ug/l	97
6) Chloroethane	2.784	64	83860	53.888	ug/l	97
7) Trichlorofluoromethane	3.113	101	137014	50.927	ug/l	99
8) Diethyl Ether	3.521	74	44246	51.505	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	83668	50.409	ug/l	94
10) Methyl Iodide	4.082	142	90299	54.097	ug/l	99
11) Tert butyl alcohol	4.960	59	30644	222.891	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	83817	51.273	ug/l	95
13) Acrolein	3.722	56	27067	222.147	ug/l	100
14) Allyl chloride	4.466	41	122096	53.478	ug/l	97
15) Acrylonitrile	5.149	53	96390	259.413	ug/l	98
16) Acetone	3.942	43	101019	335.549	ug/l	93
17) Carbon Disulfide	4.186	76	252478	55.308	ug/l	97
18) Methyl Acetate	4.472	43	39342	49.303	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	209337	53.405	ug/l	98
20) Methylene Chloride	4.704	84	99507	58.198	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	91993	53.345	ug/l	97
22) Diisopropyl ether	6.106	45	235739	49.687	ug/l	93
23) Vinyl Acetate	6.051	43	795009	261.692	ug/l	97
24) 1,1-Dichloroethane	6.009	63	155360	53.395	ug/l	98
25) 2-Butanone	6.978	43	137256	287.699	ug/l	92
26) 2,2-Dichloropropane	6.972	77	135925	54.040	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	108517	53.551	ug/l	97
28) Bromochloromethane	7.325	49	52712	53.341	ug/l	92
29) Tetrahydrofuran	7.344	42	76187	242.620	ug/l	93
30) Chloroform	7.496	83	156911	52.908	ug/l	99
31) Cyclohexane	7.777	56	142128	55.403	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	137834	52.951	ug/l	97
36) 1,1-Dichloropropene	7.911	75	119261	52.072	ug/l	98
37) Ethyl Acetate	7.069	43	57958	52.899	ug/l	98
38) Carbon Tetrachloride	7.892	117	119758	51.052	ug/l	98
39) Methylcyclohexane	9.179	83	167306	52.366	ug/l	98
40) Benzene	8.155	78	365229	52.311	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	28144	51.461	ug/l	94
42) 1,2-Dichloroethane	8.234	62	85812	51.095	ug/l	99
43) Isopropyl Acetate	8.270	43	107940	50.493	ug/l	94
44) Trichloroethene	8.935	130	92582	51.732	ug/l	97
45) 1,2-Dichloropropane	9.209	63	82956	52.828	ug/l	97
46) Dibromomethane	9.301	93	47212	51.237	ug/l	95
47) Bromodichloromethane	9.496	83	114586	51.241	ug/l	98
48) Methyl methacrylate	9.289	41	49542	51.234	ug/l	90
49) 1,4-Dioxane	9.301	88	11132	931.144	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	266921	247.407	ug/l	93
52) Toluene	10.240	92	219525	50.157	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	103745	50.744	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	133541	53.306	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	60944	49.924	ug/l	97
56) Ethyl methacrylate	10.508	69	84177	50.272	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	101994	49.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	178868	236.409	ug/l	97
59) 2-Hexanone	10.831	43	203358	273.932	ug/l	91
60) Dibromochloromethane	10.983	129	78432	53.193	ug/l	98
61) 1,2-Dibromoethane	11.087	107	56667	50.309	ug/l	99
64) Tetrachloroethene	10.721	164	81754	50.632	ug/l	96
65) Chlorobenzene	11.514	112	239433	50.922	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	77916	52.381	ug/l	99
67) Ethyl Benzene	11.593	91	417445	50.554	ug/l	97
68) m/p-Xylenes	11.703	106	323830	101.924	ug/l	99
69) o-Xylene	12.026	106	154831	51.639	ug/l	97
70) Styrene	12.044	104	260573	52.573	ug/l	98
71) Bromoform	12.209	173	44480	56.534	ug/l #	98
73) Isopropylbenzene	12.331	105	395799	49.966	ug/l	100
74) N-amyl acetate	12.142	43	92894	50.264	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	65689	48.668	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	46975m	51.859	ug/l	
77) Bromobenzene	12.605	156	91293	52.620	ug/l	95
78) n-propylbenzene	12.672	91	466953	49.232	ug/l	98
79) 2-Chlorotoluene	12.757	91	256072	49.868	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	314667	50.551	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	21738	49.376	ug/l	94
82) 4-Chlorotoluene	12.855	91	260902	50.112	ug/l	97
83) tert-Butylbenzene	13.074	119	288154	50.079	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	309765	50.600	ug/l	100
85) sec-Butylbenzene	13.251	105	423864	49.809	ug/l	99
86) p-Isopropyltoluene	13.367	119	354426	50.918	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	177402	51.927	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	172534	50.741	ug/l	99
89) n-Butylbenzene	13.696	91	327421	50.055	ug/l	99
90) Hexachloroethane	13.958	117	66570	51.789	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	149682	50.493	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9738	52.602	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	89211	52.833	ug/l	98
94) Hexachlorobutadiene	15.111	225	47364	54.812	ug/l	99
95) Naphthalene	15.239	128	170328	51.297	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	76256	53.118	ug/l	96

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

