

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017988.D
 Acq On : 18 Apr 2024 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 3.76g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/19/2024
 Supervised By :Semsettin Yesilyurt 04/19/2024

Quant Time: Apr 19 02:05:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	403033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	655830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	588911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	282693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	174500	50.032	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.060%			
35) Dibromofluoromethane	7.728	113	201096	49.702	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.400%			
50) Toluene-d8	10.191	98	770842	50.208	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.420%			
62) 4-Bromofluorobenzene	12.489	95	240751	50.633	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	152552	47.712	ug/l	99
3) Chloromethane	2.113	50	219296	41.393	ug/l	98
4) Vinyl Chloride	2.253	62	246093	41.211	ug/l	100
5) Bromomethane	2.656	94	177357	44.622	ug/l	99
6) Chloroethane	2.796	64	160825	42.660	ug/l	97
7) Trichlorofluoromethane	3.131	101	304615	45.263	ug/l	95
8) Diethyl Ether	3.534	74	116172	54.628	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	194999	46.529	ug/l	97
10) Methyl Iodide	4.101	142	295834	53.059	ug/l	98
11) Tert butyl alcohol	4.966	59	65617	263.840	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	203544	50.030	ug/l	99
13) Acrolein	3.735	56	95683	352.256	ug/l	100
14) Allyl chloride	4.485	41	274901	52.212	ug/l	93
15) Acrylonitrile	5.167	53	243406	281.900	ug/l	99
16) Acetone	3.954	43	156117	226.540	ug/l	95
17) Carbon Disulfide	4.204	76	633208	48.925	ug/l	98
18) Methyl Acetate	4.485	43	94187	51.953	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	489035	55.154	ug/l	99
20) Methylene Chloride	4.722	84	243562	52.168	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	230229	51.657	ug/l	96
22) Diisopropyl ether	6.125	45	630611	54.635	ug/l	98
23) Vinyl Acetate	6.064	43	1908566	278.848	ug/l	98
24) 1,1-Dichloroethane	6.027	63	396732	52.644	ug/l	99
25) 2-Butanone	6.996	43	272752	269.267	ug/l	94
26) 2,2-Dichloropropane	6.990	77	288626	47.737	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	273768	53.784	ug/l	99
28) Bromochloromethane	7.344	49	158578	53.494	ug/l	99
29) Tetrahydrofuran	7.356	42	186586	290.266	ug/l	96
30) Chloroform	7.515	83	401220	52.092	ug/l	99
31) Cyclohexane	7.795	56	296320	44.449	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	324489	50.583	ug/l	98
36) 1,1-Dichloropropene	7.923	75	279221	47.453	ug/l	99
37) Ethyl Acetate	7.082	43	132816	54.863	ug/l	98
38) Carbon Tetrachloride	7.911	117	286977	48.274	ug/l	99
39) Methylcyclohexane	9.191	83	342852	44.712	ug/l	96
40) Benzene	8.167	78	939248	50.960	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	71667	46.915	ug/l	92
42) 1,2-Dichloroethane	8.246	62	212961	50.427	ug/l	98
43) Isopropyl Acetate	8.283	43	242903	53.826	ug/l	98
44) Trichloroethene	8.947	130	238402	50.901	ug/l	99
45) 1,2-Dichloropropane	9.228	63	217837	51.344	ug/l	97
46) Dibromomethane	9.313	93	122681	52.275	ug/l	97
47) Bromodichloromethane	9.502	83	303789	51.596	ug/l	99
48) Methyl methacrylate	9.301	41	109542	52.974	ug/l	96
49) 1,4-Dioxane	9.307	88	28709	1071.581	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	670948	280.462	ug/l	99
52) Toluene	10.252	92	582275	51.483	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	280440	52.173	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	341748	51.755	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	170348	53.397	ug/l	97
56) Ethyl methacrylate	10.514	69	234050	56.275	ug/l	97
57) 1,3-Dichloropropane	10.801	76	286790	53.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	533783	246.908	ug/l	99
59) 2-Hexanone	10.837	43	457952	280.426	ug/l	100
60) Dibromochloromethane	10.996	129	218292	53.241	ug/l	100
61) 1,2-Dibromoethane	11.099	107	158743	53.392	ug/l	100
64) Tetrachloroethene	10.727	164	210119	49.807	ug/l	98
65) Chlorobenzene	11.526	112	652374	50.544	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	218816	51.414	ug/l	99
67) Ethyl Benzene	11.599	91	1087225	50.028	ug/l	99
68) m/p-Xylenes	11.709	106	833396	99.844	ug/l	100
69) o-Xylene	12.038	106	395217	50.702	ug/l	100
70) Styrene	12.050	104	694213	52.694	ug/l	99
71) Bromoform	12.215	173	131683	53.552	ug/l #	97
73) Isopropylbenzene	12.337	105	993230	48.218	ug/l	99
74) N-amyl acetate	12.148	43	223488	53.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	193849	50.458	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	117387m	44.251	ug/l	
77) Bromobenzene	12.617	156	252147	50.582	ug/l	98
78) n-propylbenzene	12.678	91	1194002	47.774	ug/l	99
79) 2-Chlorotoluene	12.764	91	674952	48.249	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	792508	48.520	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	64501	50.133	ug/l	98
82) 4-Chlorotoluene	12.861	91	688088	47.493	ug/l	97
83) tert-Butylbenzene	13.081	119	711705	47.708	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	798611	49.098	ug/l	98
85) sec-Butylbenzene	13.257	105	1041779	46.493	ug/l	98
86) p-Isopropyltoluene	13.379	119	873112	47.421	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	478002	48.329	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	468998	48.304	ug/l	99
89) n-Butylbenzene	13.702	91	793608	45.816	ug/l	99
90) Hexachloroethane	13.971	117	178108	47.175	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	427560	50.108	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25927	52.467	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	250472	50.406	ug/l	99
94) Hexachlorobutadiene	15.117	225	140287	47.591	ug/l	99
95) Naphthalene	15.245	128	463664	56.624	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	217532	52.172	ug/l	99

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

