

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017964.D
 Acq On : 18 Apr 2024 09:02
 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 04/19/2024
 Supervised By :Semsettin Yesilyurt 04/19/2024

Quant Time: Apr 19 01:55:41 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	412614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	638080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	558080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	260029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	178186	49.903	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.800%		
35) Dibromofluoromethane	7.721	113	207621	52.742	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.480%		
50) Toluene-d8	10.184	98	807974	54.091	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	108.180%		
62) 4-Bromofluorobenzene	12.489	95	242932	52.513	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	162289	49.579	ug/l	99
3) Chloromethane	2.119	50	230819	42.556	ug/l	99
4) Vinyl Chloride	2.259	62	267577	43.769	ug/l	97
5) Bromomethane	2.661	94	185594	45.610	ug/l	96
6) Chloroethane	2.802	64	172833	44.780	ug/l	98
7) Trichlorofluoromethane	3.137	101	328065	47.616	ug/l	96
8) Diethyl Ether	3.539	74	109981	50.516	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	212419	49.509	ug/l	97
10) Methyl Iodide	4.100	142	302053	52.917	ug/l	98
11) Tert butyl alcohol	4.966	59	54354	210.494	ug/l #	79
12) 1,1-Dichloroethene	3.881	96	210846	50.621	ug/l	98
13) Acrolein	3.740	56	93378	335.788	ug/l	100
14) Allyl chloride	4.490	41	277819	51.541	ug/l	93
15) Acrylonitrile	5.173	53	220380	249.306	ug/l	99
16) Acetone	3.954	43	184483	261.485	ug/l	94
17) Carbon Disulfide	4.204	76	659567	49.778	ug/l	100
18) Methyl Acetate	4.484	43	84667	45.617	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	458307	50.488	ug/l	99
20) Methylene Chloride	4.728	84	242757	50.788	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	232833	51.029	ug/l	99
22) Diisopropyl ether	6.124	45	619802	52.451	ug/l	96
23) Vinyl Acetate	6.069	43	1826008	260.591	ug/l	99
24) 1,1-Dichloroethane	6.027	63	389272	50.454	ug/l	99
25) 2-Butanone	6.990	43	267843	258.280	ug/l	96
26) 2,2-Dichloropropane	6.990	77	315101	50.906	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	272291	52.252	ug/l	99
28) Bromochloromethane	7.343	49	159741	52.635	ug/l	100
29) Tetrahydrofuran	7.356	42	161644	245.625	ug/l	96
30) Chloroform	7.514	83	399032	50.605	ug/l	99
31) Cyclohexane	7.795	56	328350	48.110	ug/l	99
32) 1,1,1-Trichloroethane	7.709	97	331965	50.546	ug/l	98
36) 1,1-Dichloropropene	7.923	75	290880	50.809	ug/l	99
37) Ethyl Acetate	7.081	43	117365	49.829	ug/l	98
38) Carbon Tetrachloride	7.910	117	299366	51.759	ug/l	99
39) Methylcyclohexane	9.191	83	380517	51.005	ug/l	96
40) Benzene	8.167	78	932764	52.016	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	66592m	44.806	ug/l	
42) 1,2-Dichloroethane	8.240	62	208728	50.800	ug/l	99
43) Isopropyl Acetate	8.276	43	215999	49.196	ug/l	99
44) Trichloroethene	8.947	130	237810	52.187	ug/l	98
45) 1,2-Dichloropropane	9.221	63	211893	51.332	ug/l	99
46) Dibromomethane	9.313	93	117790	51.587	ug/l	97
47) Bromodichloromethane	9.502	83	298179	52.052	ug/l	97
48) Methyl methacrylate	9.294	41	100853	50.129	ug/l	97
49) 1,4-Dioxane	9.300	88	24630	944.903	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	589079	253.090	ug/l	100
52) Toluene	10.252	92	585477	53.206	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	272919	52.187	ug/l	98
54) cis-1,3-Dichloropropene	9.934	75	335988	52.298	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	158807	51.164	ug/l	96
56) Ethyl methacrylate	10.514	69	211565	52.284	ug/l	98
57) 1,3-Dichloropropane	10.794	76	271537	51.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	541717	257.548	ug/l	99
59) 2-Hexanone	10.837	43	428071	269.421	ug/l	99
60) Dibromochloromethane	10.989	129	209111	52.420	ug/l	100
61) 1,2-Dibromoethane	11.093	107	148685	51.400	ug/l	99
64) Tetrachloroethene	10.727	164	208919	52.258	ug/l	97
65) Chlorobenzene	11.520	112	642297	52.513	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	212768	52.755	ug/l	99
67) Ethyl Benzene	11.599	91	1099299	53.378	ug/l	97
68) m/p-Xylenes	11.709	106	847166	107.101	ug/l	99
69) o-Xylene	12.038	106	400995	54.285	ug/l	99
70) Styrene	12.050	104	686198	54.963	ug/l	99
71) Bromoform	12.215	173	120366	51.654	ug/l #	100
73) Isopropylbenzene	12.336	105	1027364	54.222	ug/l	99
74) N-amyl acetate	12.148	43	191649	50.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.586	83	177650	50.272	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	118942m	48.745	ug/l	
77) Bromobenzene	12.617	156	247902	54.065	ug/l	96
78) n-propylbenzene	12.678	91	1235473	53.742	ug/l	99
79) 2-Chlorotoluene	12.763	91	684437	53.192	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	816860	54.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	61327	51.820	ug/l	98
82) 4-Chlorotoluene	12.861	91	702460	52.711	ug/l	98
83) tert-Butylbenzene	13.080	119	739294	53.876	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	810397	54.165	ug/l	99
85) sec-Butylbenzene	13.257	105	1090835	52.925	ug/l	98
86) p-Isopropyltoluene	13.373	119	908142	53.622	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	476032	52.325	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	463713	51.923	ug/l	98
89) n-Butylbenzene	13.702	91	840169	52.731	ug/l	99
90) Hexachloroethane	13.964	117	179983	51.827	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	406723	51.820	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20926	46.038	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	231113	50.564	ug/l	100
94) Hexachlorobutadiene	15.116	225	138821	51.198	ug/l	99
95) Naphthalene	15.245	128	380106	50.466	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	192891	50.295	ug/l	99

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

