

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
 Data File : VY017962.D
 Acq On : 17 Apr 2024 18:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 18 02:52:14 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/18/2024
 Supervised By :Semsettin Yesilyurt 04/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	413621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	641515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	573521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	284209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	170386	47.602	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.200%		
35) Dibromofluoromethane	7.722	113	192786	48.711	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.420%		
50) Toluene-d8	10.185	98	732697	48.789	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.580%		
62) 4-Bromofluorobenzene	12.483	95	232109	49.905	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	156729	47.764	ug/l	98
3) Chloromethane	2.113	50	217717	40.043	ug/l	97
4) Vinyl Chloride	2.247	62	252751	41.243	ug/l	98
5) Bromomethane	2.650	94	177393	43.488	ug/l	99
6) Chloroethane	2.790	64	164439	42.502	ug/l	99
7) Trichlorofluoromethane	3.125	101	318952	46.180	ug/l	96
8) Diethyl Ether	3.528	74	111351	51.020	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	205985	47.892	ug/l	98
10) Methyl Iodide	4.095	142	286609	50.089	ug/l	98
11) Tert butyl alcohol	4.960	59	68932	270.443	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	201108	48.166	ug/l	98
13) Acrolein	3.729	56	89976	322.766	ug/l	100
14) Allyl chloride	4.479	41	261178	48.336	ug/l	94
15) Acrylonitrile	5.168	53	238306	268.928	ug/l	100
16) Acetone	3.948	43	184676	261.122	ug/l	95
17) Carbon Disulfide	4.198	76	621238	46.771	ug/l	98
18) Methyl Acetate	4.479	43	93790	50.410	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	474199	52.112	ug/l	100
20) Methylene Chloride	4.716	84	270124	56.376	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	221214	48.364	ug/l	98
22) Diisopropyl ether	6.125	45	606330	51.186	ug/l	99
23) Vinyl Acetate	6.064	43	1874244	266.824	ug/l	98
24) 1,1-Dichloroethane	6.021	63	374858	48.468	ug/l	98
25) 2-Butanone	6.990	43	285157	274.307	ug/l	97
26) 2,2-Dichloropropane	6.984	77	287727	46.370	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	260345	49.838	ug/l	99
28) Bromochloromethane	7.338	49	167469	55.047	ug/l	98
29) Tetrahydrofuran	7.350	42	186207	282.261	ug/l	97
30) Chloroform	7.509	83	386464	48.892	ug/l	96
31) Cyclohexane	7.789	56	319347	46.677	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	314740	47.807	ug/l	98
36) 1,1-Dichloropropene	7.923	75	277750	48.256	ug/l	99
37) Ethyl Acetate	7.076	43	130159	54.965	ug/l	97
38) Carbon Tetrachloride	7.905	117	285275	49.058	ug/l	96
39) Methylcyclohexane	9.185	83	372944	49.722	ug/l	96
40) Benzene	8.161	78	891489	49.448	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	78717m	52.680	ug/l	
42) 1,2-Dichloroethane	8.240	62	209458	50.704	ug/l	99
43) Isopropyl Acetate	8.277	43	234321	53.083	ug/l	98
44) Trichloroethene	8.941	130	230938	50.408	ug/l	100
45) 1,2-Dichloropropane	9.216	63	208171	50.161	ug/l	99
46) Dibromomethane	9.307	93	120337	52.421	ug/l	97
47) Bromodichloromethane	9.496	83	290942	50.517	ug/l	99
48) Methyl methacrylate	9.295	41	110140	54.452	ug/l	98
49) 1,4-Dioxane	9.307	88	29149	1112.282	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	665464	284.377	ug/l	100
52) Toluene	10.246	92	559181	50.545	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	274632	52.233	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	330648	51.191	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	166601	53.388	ug/l	98
56) Ethyl methacrylate	10.514	69	227819	55.999	ug/l	98
57) 1,3-Dichloropropane	10.795	76	280105	53.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	583712	276.028	ug/l	99
59) 2-Hexanone	10.837	43	474321	296.931	ug/l	99
60) Dibromochloromethane	10.990	129	214401	53.459	ug/l	99
61) 1,2-Dibromoethane	11.093	107	155346	53.416	ug/l	99
64) Tetrachloroethene	10.721	164	207838	50.588	ug/l	99
65) Chlorobenzene	11.520	112	623327	49.590	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	211251	50.968	ug/l	100
67) Ethyl Benzene	11.593	91	1062594	50.206	ug/l	98
68) m/p-Xylenes	11.703	106	819031	100.756	ug/l	99
69) o-Xylene	12.032	106	386165	50.870	ug/l	100
70) Styrene	12.050	104	674573	52.577	ug/l	99
71) Bromoform	12.209	173	127724	53.336	ug/l #	97
73) Isopropylbenzene	12.331	105	994887	48.041	ug/l	98
74) N-amyl acetate	12.148	43	220154	52.662	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	194000	50.228	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	117843m	44.186	ug/l	
77) Bromobenzene	12.611	156	247762	49.438	ug/l	98
78) n-propylbenzene	12.672	91	1218400	48.491	ug/l	99
79) 2-Chlorotoluene	12.758	91	671903	47.775	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	801279	48.796	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	65942	50.979	ug/l	96
82) 4-Chlorotoluene	12.861	91	693705	47.626	ug/l	97
83) tert-Butylbenzene	13.075	119	723525	48.241	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	802120	49.050	ug/l	100
85) sec-Butylbenzene	13.258	105	1098412	48.759	ug/l	99
86) p-Isopropyltoluene	13.373	119	917837	49.584	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	481380	48.411	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	471549	48.308	ug/l	99
89) n-Butylbenzene	13.696	91	849922	48.805	ug/l	99
90) Hexachloroethane	13.965	117	180092	47.446	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	421603	49.146	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24613	49.542	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	260143	52.073	ug/l	99
94) Hexachlorobutadiene	15.117	225	148525	50.116	ug/l	98
95) Naphthalene	15.239	128	465661	56.565	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	224331	53.516	ug/l	99

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

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