

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017917.D
 Acq On : 11 Apr 2024 17:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 12 05:03:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/12/2024
 Supervised By :Semsettin Yesilyurt 04/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	142420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	224197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71704	58.182	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.360%			
35) Dibromofluoromethane	7.716	113	74099	57.197	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.400%			
50) Toluene-d8	10.185	98	270369	55.870	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.740%			
62) 4-Bromofluorobenzene	12.483	95	82860	56.277	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	62642	65.769	ug/l	97
3) Chloromethane	2.113	50	129952	69.906	ug/l	95
4) Vinyl Chloride	2.247	62	206977	85.196	ug/l	100
5) Bromomethane	2.644	94	185385	94.376	ug/l	99
6) Chloroethane	2.790	64	183929	116.038	ug/l	98
7) Trichlorofluoromethane	3.119	101	168235	71.010	ug/l	95
8) Diethyl Ether	3.528	74	46332	66.576	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	93434	65.761	ug/l	98
10) Methyl Iodide	4.088	142	100717	65.185	ug/l	97
11) Tert butyl alcohol	4.948	59	32571	354.429	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	85278	64.141	ug/l	98
13) Acrolein	3.723	56	14451	167.368	ug/l	94
14) Allyl chloride	4.479	41	95871	58.776	ug/l	87
15) Acrylonitrile	5.161	53	99058	337.203	ug/l	98
16) Acetone	3.942	43	77647	304.798	ug/l	94
17) Carbon Disulfide	4.192	76	214560	57.025	ug/l	99
18) Methyl Acetate	4.479	43	37253	66.021	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	221345	72.710	ug/l	100
20) Methylene Chloride	4.710	84	99120	64.252	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	94332	66.303	ug/l	98
22) Diisopropyl ether	6.119	45	252303	66.923	ug/l	95
23) Vinyl Acetate	6.058	43	798538	346.918	ug/l	99
24) 1,1-Dichloroethane	6.015	63	169202	67.620	ug/l	97
25) 2-Butanone	6.984	43	121117	333.740	ug/l	100
26) 2,2-Dichloropropane	6.978	77	145395	67.274	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	117638	69.963	ug/l	98
28) Bromochloromethane	7.338	49	54869	53.922	ug/l	97
29) Tetrahydrofuran	7.350	42	75079	344.785	ug/l	97
30) Chloroform	7.509	83	184492	71.062	ug/l	98
31) Cyclohexane	7.783	56	123737	56.993	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	155067	70.176	ug/l	96
36) 1,1-Dichloropropene	7.917	75	126675	67.015	ug/l	97
37) Ethyl Acetate	7.076	43	55981	68.627	ug/l	99
38) Carbon Tetrachloride	7.905	117	138806	70.736	ug/l	100
39) Methylcyclohexane	9.185	83	152224	64.471	ug/l	99
40) Benzene	8.161	78	393274	67.511	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	35727m	70.926	ug/l	
42) 1,2-Dichloroethane	8.240	62	101676	70.913	ug/l	98
43) Isopropyl Acetate	8.277	43	104894	70.857	ug/l	96
44) Trichloroethene	8.941	130	103615	68.366	ug/l	99
45) 1,2-Dichloropropane	9.216	63	92124	68.057	ug/l	98
46) Dibromomethane	9.307	93	55142	71.702	ug/l	98
47) Bromodichloromethane	9.502	83	141897	73.022	ug/l	97
48) Methyl methacrylate	9.295	41	44221	66.684	ug/l #	88
49) 1,4-Dioxane	9.301	88	13453	1558.257	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	293447	370.421	ug/l	99
52) Toluene	10.246	92	248718	70.389	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	124603	72.218	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	146527	69.583	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	73182	71.416	ug/l	98
56) Ethyl methacrylate	10.514	69	97276	71.705	ug/l #	94
57) 1,3-Dichloropropane	10.795	76	123728	71.389	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	191309	291.484	ug/l	99
59) 2-Hexanone	10.837	43	200322	357.581	ug/l	98
60) Dibromochloromethane	10.990	129	96355	74.552	ug/l	99
61) 1,2-Dibromoethane	11.093	107	66647	71.326	ug/l	99
64) Tetrachloroethene	10.721	164	120449	68.527	ug/l	98
65) Chlorobenzene	11.520	112	275741	66.703	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	98649	70.281	ug/l	99
67) Ethyl Benzene	11.593	91	495370	69.708	ug/l	98
68) m/p-Xylenes	11.703	106	377095	139.921	ug/l	99
69) o-Xylene	12.032	106	176516	72.671	ug/l	99
70) Styrene	12.044	104	307624	73.326	ug/l	99
71) Bromoform	12.209	173	54946	70.620	ug/l #	97
73) Isopropylbenzene	12.331	105	461992	67.423	ug/l	100
74) N-amyl acetate	12.148	43	93850	67.932	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	78223	65.994	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	52327m	58.729	ug/l	
77) Bromobenzene	12.611	156	106301	65.138	ug/l	99
78) n-propylbenzene	12.672	91	551339	65.942	ug/l	99
79) 2-Chlorotoluene	12.758	91	295948	64.621	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	356345	66.637	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	26825	66.489	ug/l	96
82) 4-Chlorotoluene	12.855	91	296446	62.513	ug/l	97
83) tert-Butylbenzene	13.075	119	331184	68.119	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	365172	68.565	ug/l	99
85) sec-Butylbenzene	13.257	105	497262	68.144	ug/l	100
86) p-Isopropyltoluene	13.373	119	418469	68.607	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	218029	67.330	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	202365	65.290	ug/l	99
89) n-Butylbenzene	13.696	91	381032	67.899	ug/l	97
90) Hexachloroethane	13.959	117	80538	66.403	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	180560	67.268	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10099	63.051	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	97050	66.011	ug/l	100
94) Hexachlorobutadiene	15.111	225	55266	62.009	ug/l	98
95) Naphthalene	15.239	128	174702	67.896	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	83526	67.257	ug/l	98

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

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