

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017928.D
 Acq On : 12 Apr 2024 16:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 13 00:36:39 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 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	130110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63932	56.784	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.560%			
35) Dibromofluoromethane	7.716	113	66864	54.245	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.480%			
50) Toluene-d8	10.179	98	241393	52.426	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.860%			
62) 4-Bromofluorobenzene	12.483	95	77305	55.183	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49736	57.159	ug/l	98
3) Chloromethane	2.113	50	104669	61.633	ug/l	97
4) Vinyl Chloride	2.247	62	157238	70.846	ug/l	98
5) Bromomethane	2.650	94	149766	83.457	ug/l	99
6) Chloroethane	2.790	64	138951	95.956	ug/l	99
7) Trichlorofluoromethane	3.119	101	129679	59.915	ug/l	96
8) Diethyl Ether	3.528	74	36797	57.877	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	70707	54.474	ug/l	98
10) Methyl Iodide	4.088	142	88639	62.795	ug/l	99
11) Tert butyl alcohol	4.948	59	24388	293.788	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	66055	54.383	ug/l	97
13) Acrolein	3.723	56	12032	152.536	ug/l	98
14) Allyl chloride	4.479	41	79434	53.307	ug/l	90
15) Acrylonitrile	5.155	53	77223	287.746	ug/l	98
16) Acetone	3.942	43	55827	239.879	ug/l	92
17) Carbon Disulfide	4.192	76	168576	49.043	ug/l	98
18) Methyl Acetate	4.472	43	31007	60.151	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	174477	62.737	ug/l	98
20) Methylene Chloride	4.716	84	79670	56.193	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	75437	58.039	ug/l	96
22) Diisopropyl ether	6.119	45	210625	61.154	ug/l	95
23) Vinyl Acetate	6.058	43	628764	299.005	ug/l	99
24) 1,1-Dichloroethane	6.015	63	138426	60.555	ug/l	97
25) 2-Butanone	6.978	43	89579	270.190	ug/l	93
26) 2,2-Dichloropropane	6.978	77	111715	56.581	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	94531	61.540	ug/l	98
28) Bromochloromethane	7.332	49	54441	58.563	ug/l	94
29) Tetrahydrofuran	7.344	42	57373	288.401	ug/l	98
30) Chloroform	7.502	83	151346	63.810	ug/l	100
31) Cyclohexane	7.783	56	97996	49.408	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	125294	62.067	ug/l	97
36) 1,1-Dichloropropene	7.917	75	100423	55.837	ug/l	97
37) Ethyl Acetate	7.076	43	43384	55.897	ug/l	97
38) Carbon Tetrachloride	7.899	117	107316	57.478	ug/l	97
39) Methylcyclohexane	9.185	83	120983	53.853	ug/l	99
40) Benzene	8.161	78	323576	58.379	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	29249m	62.835	ug/l	
42) 1,2-Dichloroethane	8.240	62	83760	61.398	ug/l	97
43) Isopropyl Acetate	8.271	43	80460	57.124	ug/l	98
44) Trichloroethene	8.941	130	82163	56.977	ug/l	99
45) 1,2-Dichloropropane	9.216	63	75600	58.699	ug/l	96
46) Dibromomethane	9.307	93	43812	59.875	ug/l	98
47) Bromodichloromethane	9.496	83	118678	64.189	ug/l	98
48) Methyl methacrylate	9.295	41	35743	58.219	ug/l #	90
49) 1,4-Dioxane	9.301	88	9765	1188.772	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	226723	312.311	ug/l	99
52) Toluene	10.246	92	203508	60.532	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	99420	60.561	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	118950	59.369	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	60262	61.807	ug/l	97
56) Ethyl methacrylate	10.514	69	77597	62.140	ug/l #	92
57) 1,3-Dichloropropane	10.795	76	100843	61.153	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	184097	294.186	ug/l	98
59) 2-Hexanone	10.831	43	150834	294.901	ug/l	98
60) Dibromochloromethane	10.990	129	76539	62.241	ug/l	99
61) 1,2-Dibromoethane	11.087	107	54256	61.027	ug/l	98
64) Tetrachloroethene	10.721	164	93485	54.364	ug/l	98
65) Chlorobenzene	11.520	112	227565	56.267	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	81664	59.468	ug/l	98
67) Ethyl Benzene	11.593	91	409294	58.870	ug/l	98
68) m/p-Xylenes	11.703	106	304916	115.644	ug/l	99
69) o-Xylene	12.032	106	146942	63.935	ug/l	97
70) Styrene	12.044	104	255284	64.344	ug/l	99
71) Bromoform	12.209	173	43267	56.841	ug/l #	99
73) Isopropylbenzene	12.331	105	380842	38.975	ug/l	100
74) N-amyl acetate	12.148	43	76061	42.454	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	63671	37.669	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	50887m	40.050	ug/l	
77) Bromobenzene	12.611	156	87434	37.570	ug/l	99
78) n-propylbenzene	12.672	91	456037	38.248	ug/l	99
79) 2-Chlorotoluene	12.758	91	246007	37.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	296279	38.852	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20308	38.697	ug/l	92
82) 4-Chlorotoluene	12.855	91	248579	36.758	ug/l	99
83) tert-Butylbenzene	13.075	119	361591	52.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	390902	51.469	ug/l	99
85) sec-Butylbenzene	13.257	105	576076	55.360	ug/l	99
86) p-Isopropyltoluene	13.373	119	589054	67.723	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	293870	63.638	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	234867	53.138	ug/l	99
89) n-Butylbenzene	13.696	91	572487	71.538	ug/l	99
90) Hexachloroethane	13.965	117	101988	58.967	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	239050	62.452	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17032	74.567	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	175361	83.642	ug/l	99
94) Hexachlorobutadiene	15.117	225	103101	81.120	ug/l	98
95) Naphthalene	15.239	128	300757	78.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	145599	82.214	ug/l	99

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

