

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008763.D
 Acq On : 13 May 2022 20:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 16 05:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/16/2022
 Supervised By :Semsettin Yesilyurt 05/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	129339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	223905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66154	51.358	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.720%			
35) Dibromofluoromethane	7.716	113	59553	44.331	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.660%			
50) Toluene-d8	10.179	98	205810	40.624	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 81.240%			
62) 4-Bromofluorobenzene	12.483	95	79061	45.042	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	55404	63.725	ug/l	98
3) Chloromethane	2.113	50	118025	65.396	ug/l	99
4) Vinyl Chloride	2.247	62	160177	63.640	ug/l	100
5) Bromomethane	2.644	94	152053	71.089	ug/l	99
6) Chloroethane	2.790	64	111937	63.360	ug/l	98
7) Trichlorofluoromethane	3.125	101	129659	57.888	ug/l	99
8) Diethyl Ether	3.528	74	45664	66.140	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	79958	60.300	ug/l	98
10) Methyl Iodide	4.082	142	75383	58.241	ug/l	98
11) Tert butyl alcohol	4.948	59	40312	134.367	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	71821	59.143	ug/l	96
13) Acrolein	3.729	56	20135	243.319	ug/l	96
14) Allyl chloride	4.473	41	104078	60.663	ug/l	97
15) Acrylonitrile	5.155	53	121590	344.448	ug/l	99
16) Acetone	3.942	43	85403	326.214	ug/l	95
17) Carbon Disulfide	4.192	76	198756	57.533	ug/l	99
18) Methyl Acetate	4.473	43	53284	72.265	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	236222	65.622	ug/l	98
20) Methylene Chloride	4.710	84	99487	73.157	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	88328	59.723	ug/l	99
22) Diisopropyl ether	6.119	45	265479	66.374	ug/l	98
23) Vinyl Acetate	6.058	43	909169	381.300	ug/l	99
24) 1,1-Dichloroethane	6.015	63	157816	62.405	ug/l	99
25) 2-Butanone	6.978	43	155209	339.707	ug/l	95
26) 2,2-Dichloropropane	6.984	77	139576	58.067	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	107627	63.860	ug/l	99
28) Bromochloromethane	7.332	49	59991	59.446	ug/l	96
29) Tetrahydrofuran	7.344	42	103590	351.584	ug/l	98
30) Chloroform	7.502	83	172339	63.934	ug/l	99
31) Cyclohexane	7.783	56	129207	63.600	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	148936	61.065	ug/l	99
36) 1,1-Dichloropropene	7.917	75	125474	58.415	ug/l	100
37) Ethyl Acetate	7.076	43	72545	66.742	ug/l	99
38) Carbon Tetrachloride	7.899	117	132960	58.661	ug/l	96
39) Methylcyclohexane	9.179	83	157960	57.844	ug/l	97
40) Benzene	8.161	78	375218	60.108	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	40012m	75.880	ug/l	
42) 1,2-Dichloroethane	8.234	62	117152	66.321	ug/l	100
43) Isopropyl Acetate	8.271	43	137963	67.347	ug/l	100
44) Trichloroethene	8.935	130	99547	59.716	ug/l	99
45) 1,2-Dichloropropane	9.216	63	97192	64.488	ug/l	100
46) Dibromomethane	9.307	93	62375	65.220	ug/l	99
47) Bromodichloromethane	9.496	83	141453	63.825	ug/l	98
48) Methyl methacrylate	9.289	41	59361	67.647	ug/l	98
49) 1,4-Dioxane	9.295	88	16862	1407.493	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	388573	353.753	ug/l	99
52) Toluene	10.240	92	253490	61.038	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	147220	64.435	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	161113	63.112	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	88517	67.507	ug/l	95
56) Ethyl methacrylate	10.508	69	114540	67.868	ug/l	96
57) 1,3-Dichloropropane	10.788	76	144041	66.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	303503	343.388	ug/l	99
59) 2-Hexanone	10.831	43	263621	356.137	ug/l	100
60) Dibromochloromethane	10.984	129	104877	66.851	ug/l	99
61) 1,2-Dibromoethane	11.087	107	82313	65.261	ug/l	98
64) Tetrachloroethene	10.721	164	91319	54.311	ug/l	96
65) Chlorobenzene	11.514	112	278350	58.451	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	105687	59.768	ug/l	98
67) Ethyl Benzene	11.593	91	495622	57.968	ug/l	99
68) m/p-Xylenes	11.703	106	405903	119.057	ug/l	100
69) o-Xylene	12.032	106	193438	60.339	ug/l	98
70) Styrene	12.044	104	332248	62.253	ug/l	99
71) Bromoform	12.203	173	78055	75.003	ug/l #	98
73) Isopropylbenzene	12.331	105	495217	49.784	ug/l	100
74) N-amyl acetate	12.142	43	134455	58.468	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	111506	54.570	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	78351m	59.213	ug/l	
77) Bromobenzene	12.605	156	112896	50.125	ug/l	97
78) n-propylbenzene	12.672	91	616699	51.187	ug/l	100
79) 2-Chlorotoluene	12.758	91	332473	51.253	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	426678	52.604	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	37178	54.280	ug/l	98
82) 4-Chlorotoluene	12.855	91	356721	52.232	ug/l	99
83) tert-Butylbenzene	13.075	119	374408	51.955	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	446046	55.328	ug/l	100
85) sec-Butylbenzene	13.251	105	578617	52.916	ug/l	100
86) p-Isopropyltoluene	13.367	119	520365	57.015	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	268008	57.278	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	264194	57.530	ug/l	99
89) n-Butylbenzene	13.696	91	449570	52.668	ug/l	99
90) Hexachloroethane	13.959	117	89192	52.973	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	223926	55.254	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16210	53.436	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	110911	49.281	ug/l	99
94) Hexachlorobutadiene	15.111	225	56715	47.866	ug/l	98
95) Naphthalene	15.239	128	250946	52.171	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	98097	49.230	ug/l	99

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

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