

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007402.D
 Acq On : 07 Feb 2022 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 08 00:34:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2022
 Supervised By :Mahesh Dadoda 02/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	140755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	234130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	205796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74503	46.017	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.040%		
35) Dibromofluoromethane	7.728	113	65295	43.431	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.860%		
50) Toluene-d8	10.185	98	229019	41.232	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.460%		
62) 4-Bromofluorobenzene	12.483	95	81924	43.394	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	79754	48.396	ug/l	96
3) Chloromethane	2.119	50	89997	49.870	ug/l	96
4) Vinyl Chloride	2.259	62	94541	48.650	ug/l	99
5) Bromomethane	2.662	94	58661	49.836	ug/l	97
6) Chloroethane	2.802	64	57524	48.199	ug/l	98
7) Trichlorofluoromethane	3.137	101	153517	48.749	ug/l	92
8) Diethyl Ether	3.540	74	45570	48.751	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.912	101	85535	48.228	ug/l	93
10) Methyl Iodide	4.101	142	96049	50.236	ug/l	95
11) Tert butyl alcohol	4.954	59	38917	199.546	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	79074	48.267	ug/l	88
13) Acrolein	3.735	56	45051	207.137	ug/l	97
14) Allyl chloride	4.491	41	127002	50.472	ug/l #	95
15) Acrylonitrile	5.174	53	111140	253.068	ug/l	99
16) Acetone	3.954	43	142756	271.493	ug/l	93
17) Carbon Disulfide	4.204	76	244429	47.525	ug/l	100
18) Methyl Acetate	4.485	43	49441	50.201	ug/l	92
19) Methyl tert-butyl Ether	5.228	73	230156	49.865	ug/l	97
20) Methylene Chloride	4.722	84	85566	50.220	ug/l	86
21) trans-1,2-Dichloroethene	5.235	96	86155	47.537	ug/l	92
22) Diisopropyl ether	6.125	45	261653	49.627	ug/l	96
23) Vinyl Acetate	6.070	43	866636	252.036	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	155346	48.785	ug/l	98
25) 2-Butanone	6.990	43	168714	265.570	ug/l	91
26) 2,2-Dichloropropane	6.990	77	148691	48.800	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	94791	47.351	ug/l	93
28) Bromochloromethane	7.344	49	58995	47.382	ug/l	91
29) Tetrahydrofuran	7.356	42	94923	258.572	ug/l	90
30) Chloroform	7.515	83	160628	48.492	ug/l	98
31) Cyclohexane	7.795	56	146680	46.430	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	150153	48.772	ug/l	96
36) 1,1-Dichloropropene	7.923	75	127836	48.637	ug/l	99
37) Ethyl Acetate	7.082	43	66411	50.823	ug/l	97
38) Carbon Tetrachloride	7.905	117	134429	48.682	ug/l	99
39) Methylcyclohexane	9.191	83	159667	48.372	ug/l	93
40) Benzene	8.167	78	337841	48.492	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	27766m	42.760	ug/l	
42) 1,2-Dichloroethane	8.246	62	105107	49.629	ug/l	96
43) Isopropyl Acetate	8.277	43	126387	51.719	ug/l #	93
44) Trichloroethene	8.947	130	91793	48.729	ug/l	94
45) 1,2-Dichloropropane	9.222	63	83782	48.770	ug/l	93
46) Dibromomethane	9.313	93	49014	47.955	ug/l	92
47) Bromodichloromethane	9.502	83	122950	49.746	ug/l	100
48) Methyl methacrylate	9.295	41	56544	51.164	ug/l	89
49) 1,4-Dioxane	9.307	88	11364	1015.035	ug/l	89
51) 4-Methyl-2-Pentanone	10.075	43	321376	259.306	ug/l	92
52) Toluene	10.252	92	211156	48.104	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	130376	50.494	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	143373	49.575	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	65984	49.156	ug/l	99
56) Ethyl methacrylate	10.514	69	96406	51.708	ug/l #	82
57) 1,3-Dichloropropane	10.795	76	116450	48.929	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	244125	251.714	ug/l	97
59) 2-Hexanone	10.837	43	239574	265.147	ug/l	90
60) Dibromochloromethane	10.990	129	82883	49.597	ug/l	100
61) 1,2-Dibromoethane	11.093	107	66311	49.931	ug/l	99
64) Tetrachloroethene	10.727	164	77997	48.294	ug/l	95
65) Chlorobenzene	11.520	112	221509	48.385	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	82651	48.362	ug/l	97
67) Ethyl Benzene	11.599	91	418279	48.148	ug/l	100
68) m/p-Xylenes	11.709	106	308438	95.860	ug/l	99
69) o-Xylene	12.032	106	145644	47.876	ug/l	100
70) Styrene	12.050	104	244009	48.658	ug/l	99
71) Bromoform	12.215	173	47162	50.017	ug/l #	98
73) Isopropylbenzene	12.337	105	398608	48.713	ug/l	98
74) N-amyl acetate	12.148	43	105951	52.310	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	74097	49.586	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	53995m	50.728	ug/l	
77) Bromobenzene	12.611	156	82567	47.903	ug/l	95
78) n-propylbenzene	12.678	91	488737	49.312	ug/l	99
79) 2-Chlorotoluene	12.764	91	268951	49.012	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	326940	48.978	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	27975	52.655	ug/l	87
82) 4-Chlorotoluene	12.861	91	273897	48.597	ug/l	98
83) tert-Butylbenzene	13.081	119	285214	49.080	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	319473	48.608	ug/l	99
85) sec-Butylbenzene	13.258	105	425817	48.853	ug/l	98
86) p-Isopropyltoluene	13.373	119	347048	48.877	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	161879	48.439	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	159277	47.812	ug/l	97
89) n-Butylbenzene	13.703	91	335397	49.077	ug/l	99
90) Hexachloroethane	13.965	117	65808	49.042	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	140021	47.601	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11763	48.440	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	83460	47.910	ug/l	98
94) Hexachlorobutadiene	15.117	225	46315	48.028	ug/l	99
95) Naphthalene	15.239	128	181282	50.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	70481	47.931	ug/l	98

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

