

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009390.D
 Acq On : 30 Jun 2022 13:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 03:46:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	159697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61676	48.218	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.440%		
35) Dibromofluoromethane	7.710	113	69852	50.261	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.520%		
50) Toluene-d8	10.173	98	218696	51.324	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.640%		
62) 4-Bromofluorobenzene	12.477	95	106813	52.854	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	60919	46.335	ug/l	98
3) Chloromethane	2.107	50	65928	46.086	ug/l	99
4) Vinyl Chloride	2.247	62	78339	47.339	ug/l	93
5) Bromomethane	2.637	94	48504	45.677	ug/l	97
6) Chloroethane	2.784	64	43133	48.884	ug/l	98
7) Trichlorofluoromethane	3.119	101	109765	49.995	ug/l	92
8) Diethyl Ether	3.521	74	43949	51.233	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	79797	50.704	ug/l	97
10) Methyl Iodide	4.082	142	94668	54.800	ug/l	89
11) Tert butyl alcohol	4.942	59	47736	227.530	ug/l	97
12) 1,1-Dichloroethene	3.869	96	73055	50.889	ug/l	82
13) Acrolein	3.723	56	16613	155.616	ug/l	98
14) Allyl chloride	4.472	41	134643	51.186	ug/l	93
15) Acrylonitrile	5.155	53	124799	256.808	ug/l	98
16) Acetone	3.942	43	113226	269.533	ug/l #	89
17) Carbon Disulfide	4.186	76	184895	46.301	ug/l	98
18) Methyl Acetate	4.472	43	57555	53.277	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	227906	52.936	ug/l	100
20) Methylene Chloride	4.704	84	90480	46.751	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	86810	50.509	ug/l	86
22) Diisopropyl ether	6.112	45	306941	55.292	ug/l	93
23) Vinyl Acetate	6.051	43	973839	280.039	ug/l	95
24) 1,1-Dichloroethane	6.009	63	160282	51.355	ug/l	98
25) 2-Butanone	6.978	43	177773	266.930	ug/l	93
26) 2,2-Dichloropropane	6.978	77	148671	50.329	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	105265	52.719	ug/l	89
28) Bromochloromethane	7.326	49	74159	55.336	ug/l	91
29) Tetrahydrofuran	7.344	42	113704	266.298	ug/l	93
30) Chloroform	7.496	83	165061	51.456	ug/l	99
31) Cyclohexane	7.777	56	143192	49.771	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	145693	50.718	ug/l	97
36) 1,1-Dichloropropene	7.911	75	127851	52.613	ug/l	99
37) Ethyl Acetate	7.070	43	76934	53.386	ug/l	96
38) Carbon Tetrachloride	7.899	117	133627	52.609	ug/l	100
39) Methylcyclohexane	9.179	83	152194	52.918	ug/l	93
40) Benzene	8.155	78	373884	52.612	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	33436m	41.069	ug/l	
42) 1,2-Dichloroethane	8.228	62	106394	52.192	ug/l	91
43) Isopropyl Acetate	8.264	43	140571	53.129	ug/l #	93
44) Trichloroethene	8.935	130	100983	51.142	ug/l	95
45) 1,2-Dichloropropane	9.215	63	99529	55.291	ug/l	97
46) Dibromomethane	9.301	93	54461	52.811	ug/l	97
47) Bromodichloromethane	9.490	83	130163	53.299	ug/l	99
48) Methyl methacrylate	9.289	41	62697	54.968	ug/l #	89
49) 1,4-Dioxane	9.295	88	15282	1063.096	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	374050	274.195	ug/l	93
52) Toluene	10.240	92	241973	53.969	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	141313	57.845	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	157761	54.086	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	80398	58.599	ug/l	98
56) Ethyl methacrylate	10.508	69	108526	61.970	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	132679	54.589	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	278833	287.566	ug/l	97
59) 2-Hexanone	10.831	43	260204	276.120	ug/l	89
60) Dibromochloromethane	10.983	129	97227	55.996	ug/l	100
61) 1,2-Dibromoethane	11.087	107	75868	55.079	ug/l	99
64) Tetrachloroethene	10.715	164	111035	51.091	ug/l	97
65) Chlorobenzene	11.514	112	265695	53.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	99417	54.262	ug/l	97
67) Ethyl Benzene	11.587	91	474257	54.732	ug/l	98
68) m/p-Xylenes	11.697	106	364607	105.231	ug/l	94
69) o-Xylene	12.026	106	175383	53.638	ug/l	92
70) Styrene	12.038	104	299112	55.212	ug/l	95
71) Bromoform	12.209	173	63147	54.852	ug/l #	99
73) Isopropylbenzene	12.325	105	471896	54.049	ug/l	99
74) N-amyl acetate	12.142	43	126275	55.137	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	90864	53.725	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	65788m	47.525	ug/l	
77) Bromobenzene	12.605	156	109312	52.521	ug/l	94
78) n-propylbenzene	12.666	91	578116	54.433	ug/l	97
79) 2-Chlorotoluene	12.751	91	317432	52.950	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	394024	53.966	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	33450	53.801	ug/l #	85
82) 4-Chlorotoluene	12.855	91	329851	52.946	ug/l	97
83) tert-Butylbenzene	13.075	119	352760	57.505	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	387819	55.896	ug/l	98
85) sec-Butylbenzene	13.251	105	525326	56.858	ug/l	99
86) p-Isopropyltoluene	13.367	119	430544	55.415	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	216410	52.630	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	221151	52.267	ug/l	97
89) n-Butylbenzene	13.696	91	409678	56.119	ug/l	98
90) Hexachloroethane	13.959	117	84015	54.540	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	197243	52.889	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14952	52.750	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	124677	56.319	ug/l	100
94) Hexachlorobutadiene	15.111	225	70487	56.719	ug/l	99
95) Naphthalene	15.233	128	256223	57.808	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	109123	56.738	ug/l	99

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

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