

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010554.D
 Acq On : 19 Sep 2022 15:29
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY091922

Quant Time: Sep 20 01:04:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/20/2022
 Supervised By :Mahesh Dadoda 09/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	289616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	458174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	410665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	206275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143500	51.803	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.600%			
35) Dibromofluoromethane	7.710	113	139814	47.815	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.620%			
50) Toluene-d8	10.179	98	550739	50.903	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.800%			
62) 4-Bromofluorobenzene	12.477	95	185697	46.090	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	63810	47.899	ug/l	99
3) Chloromethane	2.107	50	94615	47.728	ug/l	98
4) Vinyl Chloride	2.241	62	123527	47.815	ug/l	97
5) Bromomethane	2.643	94	89002	51.390	ug/l	99
6) Chloroethane	2.784	64	90324	44.273	ug/l	100
7) Trichlorofluoromethane	3.113	101	170456	44.792	ug/l	95
8) Diethyl Ether	3.521	74	60281	46.200	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.887	101	105919	46.247	ug/l	94
10) Methyl Iodide	4.082	142	116374	43.984	ug/l	91
11) Tert butyl alcohol	4.948	59	61007	245.932	ug/l	96
12) 1,1-Dichloroethene	3.863	96	90882	44.439	ug/l	82
13) Acrolein	3.723	56	28429	220.616	ug/l	98
14) Allyl chloride	4.466	41	138018	44.764	ug/l #	93
15) Acrylonitrile	5.149	53	161135	237.937	ug/l	99
16) Acetone	3.936	43	153370	271.501	ug/l	90
17) Carbon Disulfide	4.180	76	183587	45.732	ug/l	99
18) Methyl Acetate	4.466	43	75401	47.061	ug/l #	87
19) Methyl tert-butyl Ether	5.210	73	305484	47.912	ug/l	95
20) Methylene Chloride	4.704	84	137865	44.533	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	102597	44.581	ug/l	86
22) Diisopropyl ether	6.112	45	344508	47.335	ug/l #	91
23) Vinyl Acetate	6.051	43	1070147	248.902	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	203159	46.509	ug/l	99
25) 2-Butanone	6.978	43	217352	245.989	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	196027	46.668	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	135288	47.186	ug/l	88
28) Bromochloromethane	7.326	49	105279	51.235	ug/l #	79
29) Tetrahydrofuran	7.338	42	128669	237.092	ug/l #	82
30) Chloroform	7.496	83	224636	47.534	ug/l	98
31) Cyclohexane	7.777	56	147318	47.139	ug/l	87
32) 1,1,1-Trichloroethane	7.691	97	198377	47.166	ug/l	96
36) 1,1-Dichloropropene	7.911	75	148312	45.522	ug/l	97
37) Ethyl Acetate	7.063	43	89206	47.403	ug/l #	93
38) Carbon Tetrachloride	7.893	117	173901	46.421	ug/l	98
39) Methylcyclohexane	9.179	83	168847	44.278	ug/l	89
40) Benzene	8.149	78	445620	45.880	ug/l	96

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41) Methacrylonitrile	7.301	41	41512	43.249	ug/l #	51
42) 1,2-Dichloroethane	8.228	62	140535	46.988	ug/l	92
43) Isopropyl Acetate	8.264	43	164942	47.817	ug/l #	89
44) Trichloroethene	8.935	130	129765	46.672	ug/l	99
45) 1,2-Dichloropropane	9.209	63	117744	46.861	ug/l	95
46) Dibromomethane	9.301	93	69755	47.275	ug/l	99
47) Bromodichloromethane	9.490	83	176072	48.327	ug/l	100
48) Methyl methacrylate	9.289	41	74122	48.677	ug/l #	81
49) 1,4-Dioxane	9.289	88	21141	974.346	ug/l #	83
51) 4-Methyl-2-Pentanone	10.063	43	477370	245.118	ug/l	89
52) Toluene	10.240	92	296921	46.722	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	177287	48.124	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	195387	47.571	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	104756	48.267	ug/l	97
56) Ethyl methacrylate	10.508	69	138316	49.194	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	170310	47.373	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	395751	248.744	ug/l	93
59) 2-Hexanone	10.831	43	334872	253.686	ug/l	86
60) Dibromochloromethane	10.983	129	130945	49.301	ug/l	99
61) 1,2-Dibromoethane	11.087	107	96622	47.553	ug/l	99
64) Tetrachloroethene	10.715	164	123737	45.106	ug/l	97
65) Chlorobenzene	11.514	112	335869	47.298	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	134828	48.735	ug/l	99
67) Ethyl Benzene	11.587	91	591821	47.460	ug/l	99
68) m/p-Xylenes	11.697	106	455318	94.255	ug/l	93
69) o-Xylene	12.026	106	225020	47.778	ug/l	93
70) Styrene	12.044	104	386116	48.260	ug/l	96
71) Bromoform	12.203	173	84740	49.328	ug/l #	98
73) Isopropylbenzene	12.325	105	603511	47.341	ug/l	100
74) N-amyl acetate	12.142	43	153054	49.510	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	126147	48.560	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	105712m	53.695	ug/l	
77) Bromobenzene	12.605	156	145015	47.809	ug/l	93
78) n-propylbenzene	12.666	91	721136	47.490	ug/l	98
79) 2-Chlorotoluene	12.751	91	407857	47.139	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	506794	47.049	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	43052	48.621	ug/l	88
82) 4-Chlorotoluene	12.849	91	423454	47.396	ug/l	98
83) tert-Butylbenzene	13.075	119	466655	48.441	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	505813	47.267	ug/l	98
85) sec-Butylbenzene	13.251	105	675923	47.908	ug/l	99
86) p-Isopropyltoluene	13.367	119	571716	48.491	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	291219	47.303	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	292002	47.922	ug/l	99
89) n-Butylbenzene	13.696	91	525991	48.598	ug/l	98
90) Hexachloroethane	13.958	117	108427	47.898	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	263340	48.017	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21372	49.302	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	168973	50.507	ug/l	99
94) Hexachlorobutadiene	15.111	225	99783	49.072	ug/l	99
95) Naphthalene	15.233	128	344406	51.091	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	145230	49.855	ug/l	99

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

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