

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010454.D
 Acq On : 13 Sep 2022 13:24
 Operator : KP/MD
 Sample : VY0913SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0913SBS01

Quant Time: Sep 14 05:22:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	215068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	343495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123478	57.005	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.020%			
35) Dibromofluoromethane	7.710	113	118730	48.669	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.340%			
50) Toluene-d8	10.173	98	440397	55.702	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.400%			
62) 4-Bromofluorobenzene	12.477	95	157691	50.362	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	44665	28.442	ug/l	95
3) Chloromethane	2.107	50	64161	26.554	ug/l	98
4) Vinyl Chloride	2.241	62	73400	24.623	ug/l	98
5) Bromomethane	2.631	94	48255	23.106	ug/l	100
6) Chloroethane	2.778	64	47523	23.834	ug/l	100
7) Trichlorofluoromethane	3.107	101	90295	23.913	ug/l	97
8) Diethyl Ether	3.515	74	28867	23.604	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.875	101	51631	23.353	ug/l	95
10) Methyl Iodide	4.076	142	56770	20.751	ug/l	92
11) Tert butyl alcohol	4.954	59	34347	131.648	ug/l	100
12) 1,1-Dichloroethene	3.857	96	47552	22.927	ug/l	90
13) Acrolein	3.716	56	20909	101.183	ug/l	100
14) Allyl chloride	4.460	41	71361	23.893	ug/l #	95
15) Acrylonitrile	5.143	53	72565	122.574	ug/l	98
16) Acetone	3.936	43	62644	126.020	ug/l #	87
17) Carbon Disulfide	4.180	76	135997	24.247	ug/l	99
18) Methyl Acetate	4.466	43	39848	26.057	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	132784	23.183	ug/l	97
20) Methylene Chloride	4.698	84	75623	28.456	ug/l	86
21) trans-1,2-Dichloroethene	5.204	96	53847	22.865	ug/l	88
22) Diisopropyl ether	6.112	45	158410	23.758	ug/l #	94
23) Vinyl Acetate	6.045	43	480162	117.509	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	96174	23.825	ug/l	99
25) 2-Butanone	6.978	43	101200	128.102	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	91752	23.820	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	62062	22.672	ug/l	92
28) Bromochloromethane	7.326	49	24928	19.261	ug/l	85
29) Tetrahydrofuran	7.338	42	61551	124.838	ug/l #	86
30) Chloroform	7.496	83	99179	23.163	ug/l	99
31) Cyclohexane	7.777	56	85403	23.338	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	90462	23.332	ug/l	97
36) 1,1-Dichloropropene	7.911	75	74976	22.450	ug/l	97
37) Ethyl Acetate	7.070	43	41640	23.718	ug/l #	93
38) Carbon Tetrachloride	7.893	117	81688	21.985	ug/l	99
39) Methylcyclohexane	9.179	83	93663	22.492	ug/l	91
40) Benzene	8.155	78	217803	22.655	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18607	18.539	ug/l #	53
42) 1,2-Dichloroethane	8.228	62	64858	22.686	ug/l	92
43) Isopropyl Acetate	8.271	43	74718	23.255	ug/l #	92
44) Trichloroethene	8.935	130	62623	22.128	ug/l	98
45) 1,2-Dichloropropane	9.209	63	53224	22.699	ug/l	94
46) Dibromomethane	9.301	93	32032	22.654	ug/l	96
47) Bromodichloromethane	9.490	83	75214	22.395	ug/l	99
48) Methyl methacrylate	9.289	41	33761	23.396	ug/l #	86
49) 1,4-Dioxane	9.295	88	8700	464.805	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	209043	118.615	ug/l	90
52) Toluene	10.240	92	139177	22.122	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	76109	22.020	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	86246	22.123	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	44855	22.301	ug/l	97
56) Ethyl methacrylate	10.508	69	58861	22.283	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	75148	22.470	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	122551	158.270	ug/l	95
59) 2-Hexanone	10.831	43	143663	119.587	ug/l	89
60) Dibromochloromethane	10.977	129	54006	21.972	ug/l	100
61) 1,2-Dibromoethane	11.087	107	43083	22.065	ug/l	100
64) Tetrachloroethene	10.715	164	59508	21.383	ug/l	98
65) Chlorobenzene	11.514	112	149680	21.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	55617	21.748	ug/l	98
67) Ethyl Benzene	11.587	91	265398	21.718	ug/l	99
68) m/p-Xylenes	11.697	106	208493	43.458	ug/l	93
69) o-Xylene	12.026	106	97885	21.368	ug/l	93
70) Styrene	12.038	104	164724	21.245	ug/l	96
71) Bromoform	12.203	173	34187	21.382	ug/l #	99
73) Isopropylbenzene	12.325	105	262614	21.605	ug/l	100
74) N-amyl acetate	12.142	43	64268	22.661	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	52287	22.995	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	37630m	21.886	ug/l	
77) Bromobenzene	12.605	156	60515	21.010	ug/l	96
78) n-propylbenzene	12.666	91	314040	21.818	ug/l	98
79) 2-Chlorotoluene	12.751	91	176084	21.778	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	226102	22.046	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	16694	21.558	ug/l	94
82) 4-Chlorotoluene	12.849	91	182021	21.640	ug/l	97
83) tert-Butylbenzene	13.075	119	193936	21.635	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	222598	22.182	ug/l	99
85) sec-Butylbenzene	13.251	105	282697	21.298	ug/l	99
86) p-Isopropyltoluene	13.367	119	237965	21.195	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	123364	21.329	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	121802	21.267	ug/l	99
89) n-Butylbenzene	13.696	91	220849	21.670	ug/l	99
90) Hexachloroethane	13.959	117	44614	21.164	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	110191	21.510	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9239	24.072	ug/l	88
93) 1,2,4-Trichlorobenzene	15.001	180	65127	20.470	ug/l	97
94) Hexachlorobutadiene	15.111	225	38799	20.211	ug/l	98
95) Naphthalene	15.233	128	135228	21.549	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57957	20.868	ug/l	99

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

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