

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010506.D
 Acq On : 15 Sep 2022 13:20
 Operator : KP/MD
 Sample : MDL06 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL06 2.5PPB

Quant Time: Sep 16 04:54:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 16 04:54:10 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	209654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114204	54.085	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.180%			
35) Dibromofluoromethane	7.716	113	112001	46.394	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.780%			
50) Toluene-d8	10.179	98	396565	50.686	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.380%			
62) 4-Bromofluorobenzene	12.483	95	143122	39.863	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	6926	4.312	ug/l	99
3) Chloromethane	2.107	50	6885	2.923	ug/l	94
4) Vinyl Chloride	2.247	62	8092	2.785	ug/l	93
5) Bromomethane	2.650	94	6566	3.225	ug/l	99
6) Chloroethane	2.790	64	5537	2.849	ug/l	93
7) Trichlorofluoromethane	3.119	101	10428	2.833	ug/l	95
8) Diethyl Ether	3.521	74	3382	2.837	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.899	101	5807	2.694	ug/l	96
10) Methyl Iodide	4.088	142	6127	2.297	ug/l	92
11) Tert butyl alcohol	4.924	59	7755	27.190	ug/l #	90
12) 1,1-Dichloroethene	3.863	96	5451	2.696	ug/l #	75
13) Acrolein	3.729	56	2109	10.469	ug/l	92
14) Allyl chloride	4.479	41	7686	2.640	ug/l #	93
15) Acrylonitrile	5.161	53	8190	14.192	ug/l	98
16) Acetone	3.942	43	9577	19.763	ug/l #	88
17) Carbon Disulfide	4.186	76	13920	2.546	ug/l	96
18) Methyl Acetate	4.472	43	6101	4.092	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	14838	2.657	ug/l	94
20) Methylene Chloride	4.704	84	34728	11.743	ug/l #	81
21) trans-1,2-Dichloroethene	5.210	96	6101	2.658	ug/l #	82
22) Diisopropyl ether	6.112	45	17199	2.646	ug/l #	94
23) Vinyl Acetate	6.058	43	43869	11.013	ug/l #	87
24) 1,1-Dichloroethane	6.009	63	10804	2.746	ug/l #	95
25) 2-Butanone	6.978	43	14724	19.119	ug/l	93
26) 2,2-Dichloropropane	6.972	77	16206	4.316	ug/l	86
27) cis-1,2-Dichloroethene	6.978	96	7185	2.693	ug/l	83
28) Bromochloromethane	7.332	49	4206	3.334	ug/l #	82
29) Tetrahydrofuran	7.344	42	6536	13.599	ug/l #	78
30) Chloroform	7.502	83	11819	2.832	ug/l	93
31) Cyclohexane	7.783	56	12898	3.616	ug/l #	57
32) 1,1,1-Trichloroethane	7.691	97	10433	2.760	ug/l	99
36) 1,1-Dichloropropene	7.911	75	8550	2.587	ug/l	98
37) Ethyl Acetate	7.070	43	4813	2.770	ug/l #	96
38) Carbon Tetrachloride	7.899	117	9432	2.565	ug/l	92
39) Methylcyclohexane	9.179	83	10035	2.435	ug/l	94
40) Benzene	8.155	78	25085	2.637	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	2861	2.881	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	7891	2.789	ug/l	93
43) Isopropyl Acetate	8.271	43	8081	2.542	ug/l #	89
44) Trichloroethene	8.941	130	7293	2.604	ug/l	96
45) 1,2-Dichloropropane	9.209	63	6305	2.717	ug/l	96
46) Dibromomethane	9.301	93	3576	2.556	ug/l	95
47) Bromodichloromethane	9.490	83	8916	2.683	ug/l	92
48) Methyl methacrylate	9.295	41	3340	2.339	ug/l #	79
49) 1,4-Dioxane	9.295	88	832	44.918	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	22495	12.898	ug/l	89
52) Toluene	10.240	92	16415	2.637	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	8512	2.489	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	9754	2.528	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	5570	2.798	ug/l #	89
56) Ethyl methacrylate	10.508	69	6111	2.338	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	8930	2.698	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	16101	18.106	ug/l	94
59) 2-Hexanone	10.831	43	14135	11.890	ug/l	86
60) Dibromochloromethane	10.983	129	6204	2.551	ug/l	99
61) 1,2-Dibromoethane	11.087	107	5115	2.647	ug/l	95
64) Tetrachloroethene	10.715	164	7420	2.698	ug/l	98
65) Chlorobenzene	11.514	112	18147	2.660	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	6803	2.692	ug/l	93
67) Ethyl Benzene	11.593	91	30531	2.528	ug/l	96
68) m/p-Xylenes	11.697	106	23091	4.871	ug/l	92
69) o-Xylene	12.026	106	11277	2.491	ug/l	95
70) Styrene	12.044	104	18037	2.354	ug/l	96
71) Bromoform	12.209	173	4237	2.682	ug/l #	95
73) Isopropylbenzene	12.331	105	29505	2.412	ug/l	97
74) N-amyl acetate	12.142	43	6478	2.270	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	6746	2.949	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	4856m	2.807	ug/l	
77) Bromobenzene	12.605	156	7580	2.615	ug/l	92
78) n-propylbenzene	12.672	91	35812	2.473	ug/l	97
79) 2-Chlorotoluene	12.758	91	20354	2.502	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	26951	2.612	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	1998m	2.564	ug/l	
82) 4-Chlorotoluene	12.855	91	20991	2.480	ug/l	96
83) tert-Butylbenzene	13.075	119	22326	2.475	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	27766	2.750	ug/l	100
85) sec-Butylbenzene	13.251	105	33166	2.483	ug/l	98
86) p-Isopropyltoluene	13.367	119	27496	2.434	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	14354	2.466	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	14833	2.574	ug/l	87
89) n-Butylbenzene	13.696	91	25743	2.510	ug/l	97
90) Hexachloroethane	13.959	117	5665	2.671	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	13154	2.552	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1100	2.848	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	7463	2.331	ug/l	98
94) Hexachlorobutadiene	15.111	225	4734	2.451	ug/l	97
95) Naphthalene	15.233	128	16607	2.630	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.422	180	6415	2.295	ug/l	97

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

