

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010640.D
 Acq On : 23 Sep 2022 11:52
 Operator : KP/MD
 Sample : VY0923SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Quant Time: Sep 24 01:19:55 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 09/26/2022
 Supervised By :Mahesh Dadoda 09/26/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	238834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	387693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	353498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120423	52.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.440%			
35) Dibromofluoromethane	7.710	113	112325	45.397	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.800%			
50) Toluene-d8	10.179	98	447467	49.000	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.000%			
62) 4-Bromofluorobenzene	12.477	95	148068	43.267	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29028	23.200	ug/l	97
3) Chloromethane	2.113	50	44032	24.784	ug/l	99
4) Vinyl Chloride	2.247	62	51986	22.634	ug/l	97
5) Bromomethane	2.631	94	34979	21.681	ug/l	99
6) Chloroethane	2.784	64	35975	21.383	ug/l	99
7) Trichlorofluoromethane	3.119	101	68174	21.724	ug/l	93
8) Diethyl Ether	3.527	74	22407	20.824	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	40685	21.541	ug/l	93
10) Methyl Iodide	4.088	142	43154	19.778	ug/l	92
11) Tert butyl alcohol	4.942	59	32857	156.563	ug/l	96
12) 1,1-Dichloroethene	3.863	96	35596	21.106	ug/l	86
13) Acrolein	3.723	56	9898	93.143	ug/l	99
14) Allyl chloride	4.472	41	56020	22.033	ug/l #	94
15) Acrylonitrile	5.161	53	61846	110.741	ug/l	98
16) Acetone	3.942	43	55385	118.891	ug/l	93
17) Carbon Disulfide	4.186	76	88825	24.655	ug/l	100
18) Methyl Acetate	4.472	43	36615	26.827	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	105313	20.029	ug/l	99
20) Methylene Chloride	4.704	84	61491	16.954	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	40533	21.357	ug/l	87
22) Diisopropyl ether	6.118	45	130839	21.800	ug/l #	92
23) Vinyl Acetate	6.051	43	380024	107.182	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	77714	21.574	ug/l	98
25) 2-Butanone	6.978	43	83821	115.035	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	72259	20.860	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	47764	20.201	ug/l	93
28) Bromochloromethane	7.332	49	20236	15.851	ug/l	90
29) Tetrahydrofuran	7.344	42	50234	112.245	ug/l #	88
30) Chloroform	7.502	83	81920	21.020	ug/l	95
31) Cyclohexane	7.777	56	66172	23.915	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	71342	20.569	ug/l	97
36) 1,1-Dichloropropene	7.917	75	58431	21.195	ug/l	99
37) Ethyl Acetate	7.069	43	35288	22.161	ug/l	95
38) Carbon Tetrachloride	7.899	117	64958	20.492	ug/l	94
39) Methylcyclohexane	9.185	83	66967	20.754	ug/l	91
40) Benzene	8.155	78	172904	21.038	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	19010m	23.406	ug/l	
42) 1,2-Dichloroethane	8.234	62	53227	21.032	ug/l	93
43) Isopropyl Acetate	8.270	43	60779	20.823	ug/l #	91
44) Trichloroethene	8.935	130	46967	19.963	ug/l	93
45) 1,2-Dichloropropane	9.215	63	44372	20.870	ug/l	95
46) Dibromomethane	9.301	93	25501	20.424	ug/l	97
47) Bromodichloromethane	9.496	83	63166	20.489	ug/l	96
48) Methyl methacrylate	9.289	41	26784	20.787	ug/l #	84
49) 1,4-Dioxane	9.295	88	6820	371.462	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	177486	107.703	ug/l	92
52) Toluene	10.240	92	110431	20.536	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	62146	19.936	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	69383	19.964	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	37397	20.363	ug/l	99
56) Ethyl methacrylate	10.508	69	46771	19.659	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	61324	20.159	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	98721	87.770	ug/l	96
59) 2-Hexanone	10.831	43	121153	108.466	ug/l	90
60) Dibromochloromethane	10.983	129	44070	19.609	ug/l	97
61) 1,2-Dibromoethane	11.087	107	34803	20.242	ug/l	100
64) Tetrachloroethene	10.715	164	45415	19.232	ug/l	95
65) Chlorobenzene	11.514	112	121042	19.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	45970	19.303	ug/l	97
67) Ethyl Benzene	11.593	91	209691	19.535	ug/l	97
68) m/p-Xylenes	11.703	106	165219	39.733	ug/l	93
69) o-Xylene	12.026	106	77240	19.052	ug/l	94
70) Styrene	12.044	104	134487	19.528	ug/l	95
71) Bromoform	12.209	173	28375	19.188	ug/l #	99
73) Isopropylbenzene	12.331	105	208430	19.387	ug/l	100
74) N-amyl acetate	12.142	43	51852	19.889	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	45039	20.559	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	32325m	19.469	ug/l	
77) Bromobenzene	12.605	156	49997	19.546	ug/l	96
78) n-propylbenzene	12.672	91	254770	19.895	ug/l	99
79) 2-Chlorotoluene	12.757	91	141385	19.377	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	178845	19.688	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14490	19.405	ug/l	91
82) 4-Chlorotoluene	12.855	91	146498	19.443	ug/l	98
83) tert-Butylbenzene	13.075	119	154121	18.971	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	177612	19.681	ug/l	99
85) sec-Butylbenzene	13.251	105	231895	19.490	ug/l	100
86) p-Isopropyltoluene	13.367	119	191306	19.240	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	100919	19.438	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	100206	19.501	ug/l	99
89) n-Butylbenzene	13.696	91	176976	19.389	ug/l	99
90) Hexachloroethane	13.959	117	37338	19.559	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	88495	19.134	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7447	20.371	ug/l	88
93) 1,2,4-Trichlorobenzene	15.001	180	51173	18.138	ug/l	98
94) Hexachlorobutadiene	15.111	225	32088	18.712	ug/l	98
95) Naphthalene	15.233	128	101367	17.831	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	44619	18.163	ug/l	98

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

