

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010386.D
 Acq On : 08 Sep 2022 11:29
 Operator : KP/MD
 Sample : VY0908SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0908SBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 16:23:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	288335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	449015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	399577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	150036	50.747	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.500%			
35) Dibromofluoromethane	7.716	113	144755	48.426	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.860%			
50) Toluene-d8	10.179	98	553649	55.322	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.640%			
62) 4-Bromofluorobenzene	12.477	95	192301	47.688	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49646	21.569	ug/l	98
3) Chloromethane	2.113	50	68088	21.665	ug/l	96
4) Vinyl Chloride	2.247	62	80444	23.493	ug/l	97
5) Bromomethane	2.638	94	55656	26.670	ug/l	99
6) Chloroethane	2.784	64	52165	24.905	ug/l	100
7) Trichlorofluoromethane	3.119	101	99341	20.698	ug/l	96
8) Diethyl Ether	3.522	74	31288	18.243	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	58035	19.578	ug/l	96
10) Methyl Iodide	4.088	142	72931	20.451	ug/l	89
11) Tert butyl alcohol	4.942	59	46197	130.608	ug/l	96
12) 1,1-Dichloroethene	3.863	96	55161	19.218	ug/l	84
13) Acrolein	3.723	56	27415	73.217	ug/l	99
14) Allyl chloride	4.479	41	81840	16.200	ug/l #	94
15) Acrylonitrile	5.161	53	77536	86.764	ug/l	98
16) Acetone	3.942	43	65555	88.696	ug/l #	88
17) Carbon Disulfide	4.186	76	159568	18.251	ug/l	99
18) Methyl Acetate	4.473	43	40775	17.777	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	146251	17.429	ug/l	96
20) Methylene Chloride	4.710	84	77324	21.679	ug/l #	85
21) trans-1,2-Dichloroethene	5.216	96	62498	19.215	ug/l	85
22) Diisopropyl ether	6.112	45	174548	17.000	ug/l #	95
23) Vinyl Acetate	6.058	43	538295	83.616	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	105559	17.846	ug/l	97
25) 2-Butanone	6.984	43	103017	84.930	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	100094	18.580	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	70603	18.994	ug/l	89
28) Bromochloromethane	7.332	49	27623	14.463	ug/l #	80
29) Tetrahydrofuran	7.344	42	65974	84.899	ug/l #	87
30) Chloroform	7.502	83	110303	18.937	ug/l	98
31) Cyclohexane	7.783	56	98801	17.131	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	101229	19.073	ug/l	97
36) 1,1-Dichloropropene	7.917	75	84955	19.371	ug/l	97
37) Ethyl Acetate	7.070	43	43784	17.412	ug/l #	93
38) Carbon Tetrachloride	7.893	117	93038	20.584	ug/l	97
39) Methylcyclohexane	9.179	83	108324	19.131	ug/l	92
40) Benzene	8.155	78	245718	19.563	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	24222m	17.086	ug/l	
42) 1,2-Dichloroethane	8.234	62	70940	19.479	ug/l	92
43) Isopropyl Acetate	8.271	43	80071	16.705	ug/l #	92
44) Trichloroethene	8.935	130	71626	20.772	ug/l	99
45) 1,2-Dichloropropane	9.216	63	59619	18.630	ug/l	97
46) Dibromomethane	9.307	93	35055	19.944	ug/l	98
47) Bromodichloromethane	9.496	83	83082	19.221	ug/l	96
48) Methyl methacrylate	9.295	41	38494	17.217	ug/l #	87
49) 1,4-Dioxane	9.295	88	9359	386.974	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	221247	89.468	ug/l	91
52) Toluene	10.240	92	157579	19.612	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	84157	18.051	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	95966	18.255	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	49428	19.810	ug/l	98
56) Ethyl methacrylate	10.508	69	64166	17.407	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	82812	19.042	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	133856	118.423	ug/l	93
59) 2-Hexanone	10.831	43	150255	87.622	ug/l	89
60) Dibromochloromethane	10.984	129	60539	20.136	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48328	20.043	ug/l	100
64) Tetrachloroethene	10.721	164	68875	21.136	ug/l	97
65) Chlorobenzene	11.514	112	169651	19.925	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	62781	20.080	ug/l	98
67) Ethyl Benzene	11.593	91	301359	19.328	ug/l	97
68) m/p-Xylenes	11.703	106	236921	39.777	ug/l	93
69) o-Xylene	12.026	106	112674	19.483	ug/l	93
70) Styrene	12.044	104	188586	19.576	ug/l	95
71) Bromoform	12.203	173	38624	19.984	ug/l #	99
73) Isopropylbenzene	12.331	105	299504	18.709	ug/l	100
74) N-amyl acetate	12.142	43	68399	15.487	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	56311	18.303	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	43621m	18.268	ug/l	
77) Bromobenzene	12.605	156	71297	19.578	ug/l	92
78) n-propylbenzene	12.672	91	354099	18.427	ug/l	98
79) 2-Chlorotoluene	12.758	91	197748	18.207	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	254105	18.946	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18432	16.103	ug/l	89
82) 4-Chlorotoluene	12.855	91	205021	18.332	ug/l	97
83) tert-Butylbenzene	13.075	119	220433	18.917	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	250962	19.054	ug/l	98
85) sec-Butylbenzene	13.251	105	325888	18.911	ug/l	99
86) p-Isopropyltoluene	13.367	119	275441	19.351	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	140413	19.858	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	139082	19.783	ug/l	99
89) n-Butylbenzene	13.697	91	249059	18.510	ug/l	98
90) Hexachloroethane	13.959	117	51120	18.710	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	124892	19.817	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9110	16.804	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	75997	19.482	ug/l	99
94) Hexachlorobutadiene	15.111	225	46396	20.293	ug/l	97
95) Naphthalene	15.233	128	147053	18.168	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	65456	19.812	ug/l	99

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

