

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010385.D
 Acq On : 08 Sep 2022 11:07
 Operator : KP/MD
 Sample : VY0908SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 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 16:23:01 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	280036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	441887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	397389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	197845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143470	49.964	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.920%		
35) Dibromofluoromethane	7.716	113	139268	47.342	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.680%		
50) Toluene-d8	10.179	98	523913	53.195	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.380%		
62) 4-Bromofluorobenzene	12.483	95	184718	46.374	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49395	22.096	ug/l	99
3) Chloromethane	2.113	50	68223	22.351	ug/l	96
4) Vinyl Chloride	2.247	62	80814	24.301	ug/l	99
5) Bromomethane	2.637	94	56054	27.864	ug/l	99
6) Chloroethane	2.784	64	52648	25.880	ug/l	98
7) Trichlorofluoromethane	3.119	101	100958	21.658	ug/l	95
8) Diethyl Ether	3.527	74	33071	19.854	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	57481	19.966	ug/l	96
10) Methyl Iodide	4.088	142	69844	20.165	ug/l	91
11) Tert butyl alcohol	4.942	59	43875	127.720	ug/l	98
12) 1,1-Dichloroethene	3.863	96	56017	20.094	ug/l	85
13) Acrolein	3.723	56	31666	87.076	ug/l	99
14) Allyl chloride	4.472	41	83999	17.120	ug/l #	95
15) Acrylonitrile	5.155	53	81318	93.692	ug/l	98
16) Acetone	3.942	43	69772	97.199	ug/l	91
17) Carbon Disulfide	4.186	76	162033	19.082	ug/l	99
18) Methyl Acetate	4.472	43	42270	18.975	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	151182	18.551	ug/l	98
20) Methylene Chloride	4.710	84	75822	21.888	ug/l #	84
21) trans-1,2-Dichloroethene	5.216	96	63161	19.994	ug/l	85
22) Diisopropyl ether	6.112	45	180075	18.058	ug/l #	96
23) Vinyl Acetate	6.058	43	557910	89.232	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	108386	18.867	ug/l	98
25) 2-Butanone	6.978	43	109042	92.561	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	99683	19.052	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	71484	19.800	ug/l	89
28) Bromochloromethane	7.332	49	29156	15.585	ug/l #	83
29) Tetrahydrofuran	7.344	42	69817	92.507	ug/l #	88
30) Chloroform	7.502	83	112631	19.910	ug/l	97
31) Cyclohexane	7.783	56	99848	17.825	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	103929	20.162	ug/l	96
36) 1,1-Dichloropropene	7.917	75	86086	19.945	ug/l	96
37) Ethyl Acetate	7.070	43	48335	19.532	ug/l	95
38) Carbon Tetrachloride	7.899	117	95137	21.388	ug/l	99
39) Methylcyclohexane	9.179	83	108855	19.535	ug/l	90
40) Benzene	8.155	78	248277	20.085	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	22248	15.947	ug/l #	50
42) 1,2-Dichloroethane	8.234	62	74735	20.852	ug/l	93
43) Isopropyl Acetate	8.271	43	84276	17.866	ug/l #	90
44) Trichloroethene	8.941	130	72548	21.379	ug/l	96
45) 1,2-Dichloropropane	9.215	63	59432	18.871	ug/l	94
46) Dibromomethane	9.301	93	36013	20.820	ug/l	96
47) Bromodichloromethane	9.496	83	85232	20.036	ug/l	98
48) Methyl methacrylate	9.289	41	37947	17.246	ug/l #	86
49) 1,4-Dioxane	9.295	88	10066	422.920	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	234567	96.384	ug/l	91
52) Toluene	10.240	92	160195	20.259	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	87376	19.044	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	99819	19.294	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	51156	20.833	ug/l	99
56) Ethyl methacrylate	10.508	69	67351	18.566	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	86064	20.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	135041	122.402	ug/l	92
59) 2-Hexanone	10.831	43	160234	94.949	ug/l	89
60) Dibromochloromethane	10.983	129	62895	21.257	ug/l	98
61) 1,2-Dibromoethane	11.087	107	49955	21.052	ug/l	100
64) Tetrachloroethene	10.715	164	69842	21.551	ug/l	98
65) Chlorobenzene	11.514	112	173792	20.523	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	63906	20.552	ug/l	98
67) Ethyl Benzene	11.593	91	308988	19.926	ug/l	97
68) m/p-Xylenes	11.703	106	241668	40.797	ug/l	93
69) o-Xylene	12.026	106	115550	20.091	ug/l	91
70) Styrene	12.044	104	191074	19.944	ug/l	96
71) Bromoform	12.209	173	40109	20.867	ug/l #	100
73) Isopropylbenzene	12.331	105	301359	19.092	ug/l	99
74) N-amyl acetate	12.142	43	72127	16.563	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	58975	19.441	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	44827m	19.039	ug/l	
77) Bromobenzene	12.611	156	72267	20.126	ug/l	92
78) n-propylbenzene	12.672	91	359399	18.968	ug/l	97
79) 2-Chlorotoluene	12.758	91	203379	18.991	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	259264	19.604	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	19586	17.354	ug/l	92
82) 4-Chlorotoluene	12.855	91	208742	18.930	ug/l	96
83) tert-Butylbenzene	13.075	119	223722	19.472	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	252897	19.473	ug/l	97
85) sec-Butylbenzene	13.251	105	329702	19.404	ug/l	99
86) p-Isopropyltoluene	13.367	119	273804	19.508	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	143032	20.515	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	141855	20.464	ug/l	99
89) n-Butylbenzene	13.696	91	250272	18.863	ug/l	98
90) Hexachloroethane	13.959	117	52175	19.367	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	127708	20.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9443	17.666	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	77306	20.099	ug/l	99
94) Hexachlorobutadiene	15.111	225	46549	20.648	ug/l	97
95) Naphthalene	15.239	128	152499	19.108	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	65354	20.062	ug/l	98

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

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