

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010042.D
 Acq On : 16 Aug 2022 14:28
 Operator : KP/MD
 Sample : VY0816SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022

Quant Time: Aug 16 16:53:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	102275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	152586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	145067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50622	49.503	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.000%		
35) Dibromofluoromethane	7.710	113	49399	49.922	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.840%		
50) Toluene-d8	10.173	98	180689	49.356	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.720%		
62) 4-Bromofluorobenzene	12.477	95	65237	50.734	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	18119	21.642	ug/l	95
3) Chloromethane	2.107	50	21099	17.838	ug/l	98
4) Vinyl Chloride	2.241	62	26970	18.541	ug/l	99
5) Bromomethane	2.631	94	25459	22.550	ug/l	97
6) Chloroethane	2.778	64	19104	19.070	ug/l	96
7) Trichlorofluoromethane	3.113	101	34463	19.945	ug/l	96
8) Diethyl Ether	3.515	74	9777	20.202	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	18639	20.341	ug/l	98
10) Methyl Iodide	4.076	142	18532	17.086	ug/l	99
11) Tert butyl alcohol	4.942	59	13810	147.838	ug/l	96
12) 1,1-Dichloroethene	3.863	96	15782	18.819	ug/l	92
13) Acrolein	3.717	56	7791	114.138	ug/l	96
14) Allyl chloride	4.466	41	22837	18.529	ug/l	99
15) Acrylonitrile	5.149	53	24915	109.183	ug/l	100
16) Acetone	3.936	43	22486	102.660	ug/l	91
17) Carbon Disulfide	4.180	76	39224	16.329	ug/l	99
18) Methyl Acetate	4.466	43	13172	22.789	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	47929	20.800	ug/l	97
20) Methylene Chloride	4.704	84	25183	23.036	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	17670	18.321	ug/l	95
22) Diisopropyl ether	6.112	45	54433	22.455	ug/l	98
23) Vinyl Acetate	6.052	43	175077	114.456	ug/l	99
24) 1,1-Dichloroethane	6.003	63	31996	20.783	ug/l	96
25) 2-Butanone	6.972	43	36158	120.668	ug/l	94
26) 2,2-Dichloropropane	6.972	77	31844	19.681	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	21777	20.533	ug/l	99
28) Bromochloromethane	7.326	49	12139	18.949	ug/l	98
29) Tetrahydrofuran	7.338	42	20479	105.220	ug/l	98
30) Chloroform	7.496	83	36016	19.129	ug/l	97
31) Cyclohexane	7.777	56	23173	16.038	ug/l #	89
32) 1,1,1-Trichloroethane	7.691	97	33503	19.630	ug/l	99
36) 1,1-Dichloropropene	7.911	75	24056	17.451	ug/l	98
37) Ethyl Acetate	7.064	43	15961	22.993	ug/l	98
38) Carbon Tetrachloride	7.893	117	32035	18.896	ug/l	98
39) Methylcyclohexane	9.179	83	25625	16.499	ug/l	96
40) Benzene	8.155	78	70713	17.535	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8618m	24.035	ug/l	
42) 1,2-Dichloroethane	8.234	62	23608	18.788	ug/l	99
43) Isopropyl Acetate	8.265	43	24524	18.612	ug/l	99
44) Trichloroethene	8.935	130	21742	17.838	ug/l	94
45) 1,2-Dichloropropane	9.203	63	16448	17.250	ug/l	97
46) Dibromomethane	9.301	93	12198	19.974	ug/l	97
47) Bromodichloromethane	9.490	83	27578	18.722	ug/l #	99
48) Methyl methacrylate	9.289	41	9769	17.039	ug/l	88
49) 1,4-Dioxane	9.301	88	2938	462.647	ug/l	96
51) 4-Methyl-2-Pentanone	10.063	43	67856	93.344	ug/l	96
52) Toluene	10.240	92	48904	18.815	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	25680	18.102	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	28214	18.182	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	16248	19.262	ug/l	98
56) Ethyl methacrylate	10.508	69	17748	18.205	ug/l	99
57) 1,3-Dichloropropane	10.788	76	25668	19.008	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	46572	110.387	ug/l	95
59) 2-Hexanone	10.831	43	46430	97.746	ug/l	98
60) Dibromochloromethane	10.984	129	21236	19.007	ug/l	97
61) 1,2-Dibromoethane	11.087	107	15734	19.140	ug/l	97
64) Tetrachloroethene	10.715	164	22106	17.846	ug/l	98
65) Chlorobenzene	11.514	112	56668	18.740	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	23443	19.565	ug/l	98
67) Ethyl Benzene	11.587	91	93718	18.485	ug/l	98
68) m/p-Xylenes	11.697	106	76650	38.058	ug/l	97
69) o-Xylene	12.026	106	35795	19.024	ug/l	98
70) Styrene	12.038	104	61264	19.295	ug/l	99
71) Bromoform	12.203	173	15183	20.227	ug/l #	97
73) Isopropylbenzene	12.325	105	94944	19.108	ug/l	99
74) N-amyl acetate	12.142	43	24196	20.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	20503	20.757	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	14825m	19.674	ug/l	
77) Bromobenzene	12.605	156	25667	19.444	ug/l	95
78) n-propylbenzene	12.666	91	114039	18.617	ug/l	99
79) 2-Chlorotoluene	12.752	91	66086	19.078	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	82652	19.094	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	6564	19.686	ug/l	95
82) 4-Chlorotoluene	12.849	91	68866	19.004	ug/l	100
83) tert-Butylbenzene	13.075	119	74286	19.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	82349	19.376	ug/l	98
85) sec-Butylbenzene	13.251	105	105875	19.057	ug/l	98
86) p-Isopropyltoluene	13.367	119	90239	18.952	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	51287	19.080	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	51445	18.958	ug/l	99
89) n-Butylbenzene	13.696	91	80612	19.003	ug/l	97
90) Hexachloroethane	13.959	117	18289	18.951	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	46515	19.457	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3649	21.493	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	27000	18.904	ug/l	96
94) Hexachlorobutadiene	15.111	225	17236	18.857	ug/l	99
95) Naphthalene	15.233	128	55014	21.534	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24892	19.802	ug/l	100

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

