

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009715.D
 Acq On : 27 Jul 2022 11:34
 Operator : KP/MD
 Sample : VY0727SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 02:44:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	190226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	63793	50.428	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.860%			
35) Dibromofluoromethane	7.710	113	71836	46.348	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.700%			
50) Toluene-d8	10.179	98	227549	50.448	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.477	95	104655	50.923	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 101.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35186	20.777	ug/l	99
3) Chloromethane	2.107	50	48069	23.183	ug/l	96
4) Vinyl Chloride	2.241	62	52216	22.566	ug/l	98
5) Bromomethane	2.631	94	37511	23.384	ug/l	94
6) Chloroethane	2.778	64	32168	23.239	ug/l	96
7) Trichlorofluoromethane	3.113	101	64228	21.012	ug/l	94
8) Diethyl Ether	3.522	74	20274	20.463	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	35621	20.608	ug/l	94
10) Methyl Iodide	4.082	142	42403	18.906	ug/l	89
11) Tert butyl alcohol	4.948	59	19603	104.276	ug/l	96
12) 1,1-Dichloroethene	3.863	96	33714	20.747	ug/l	85
13) Acrolein	3.723	56	3873	123.134	ug/l	95
14) Allyl chloride	4.466	41	52418	20.516	ug/l #	92
15) Acrylonitrile	5.149	53	50453	105.733	ug/l	98
16) Acetone	3.936	43	41224	90.638	ug/l #	87
17) Carbon Disulfide	4.180	76	108087	21.618	ug/l	100
18) Methyl Acetate	4.466	43	26199	21.658	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	88404	19.922	ug/l	97
20) Methylene Chloride	4.704	84	47411	14.921	ug/l	84
21) trans-1,2-Dichloroethene	5.204	96	39056	20.684	ug/l	90
22) Diisopropyl ether	6.112	45	116671	21.442	ug/l	91
23) Vinyl Acetate	6.052	43	363094	103.698	ug/l	96
24) 1,1-Dichloroethane	6.003	63	66869	21.206	ug/l	98
25) 2-Butanone	6.978	43	65714	97.940	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	59311	19.785	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	42303	19.972	ug/l	90
28) Bromochloromethane	7.326	49	23186	20.397	ug/l	84
29) Tetrahydrofuran	7.338	42	45305	106.626	ug/l	93
30) Chloroform	7.496	83	68860	20.874	ug/l	99
31) Cyclohexane	7.777	56	63184	20.876	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	61802	20.871	ug/l	96
36) 1,1-Dichloropropene	7.911	75	53412	21.178	ug/l	97
37) Ethyl Acetate	7.064	43	31136	20.830	ug/l #	96
38) Carbon Tetrachloride	7.893	117	56298	20.833	ug/l	96
39) Methylcyclohexane	9.179	83	63681	20.384	ug/l	92
40) Benzene	8.155	78	158166	21.166	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	15791m	20.735	ug/l	
42) 1,2-Dichloroethane	8.228	62	44225	21.228	ug/l	92
43) Isopropyl Acetate	8.265	43	54357	20.814	ug/l #	92
44) Trichloroethene	8.935	130	44669	20.838	ug/l	93
45) 1,2-Dichloropropane	9.210	63	39084	21.542	ug/l	92
46) Dibromomethane	9.301	93	22759	21.084	ug/l	95
47) Bromodichloromethane	9.490	83	53040	21.389	ug/l	97
48) Methyl methacrylate	9.289	41	23796	20.721	ug/l #	86
49) 1,4-Dioxane	9.295	88	5812	419.867	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	147410	110.957	ug/l	93
52) Toluene	10.240	92	103384	22.088	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	54678	21.351	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	60393	20.533	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	32894	21.552	ug/l	99
56) Ethyl methacrylate	10.508	69	40518	21.309	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	54297	21.875	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	65168	84.380	ug/l	94
59) 2-Hexanone	10.831	43	97203	102.664	ug/l	91
60) Dibromochloromethane	10.984	129	39905	21.617	ug/l	99
61) 1,2-Dibromoethane	11.087	107	31892	21.452	ug/l	99
64) Tetrachloroethene	10.715	164	44610	20.847	ug/l	97
65) Chlorobenzene	11.514	112	110827	20.350	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	41551	20.502	ug/l	98
67) Ethyl Benzene	11.593	91	189757	20.158	ug/l	97
68) m/p-Xylenes	11.703	106	153821	41.164	ug/l	91
69) o-Xylene	12.026	106	70323	20.124	ug/l	91
70) Styrene	12.044	104	119207	20.297	ug/l	94
71) Bromoform	12.203	173	26998	20.861	ug/l #	99
73) Isopropylbenzene	12.331	105	183110	20.037	ug/l	99
74) N-amyl acetate	12.142	43	46856	19.850	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	38830	21.601	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	27537m	21.565	ug/l	
77) Bromobenzene	12.605	156	47606	20.975	ug/l	89
78) n-propylbenzene	12.672	91	226347	20.841	ug/l	97
79) 2-Chlorotoluene	12.758	91	124305	20.224	ug/l	93
80) 1,3,5-Trimethylbenzene	12.813	105	157122	20.745	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	12902	20.140	ug/l	88
82) 4-Chlorotoluene	12.855	91	129287	20.220	ug/l	96
83) tert-Butylbenzene	13.075	119	133381	19.596	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	153035	20.046	ug/l	97
85) sec-Butylbenzene	13.251	105	198648	19.878	ug/l	99
86) p-Isopropyltoluene	13.367	119	167255	19.788	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	91490	19.964	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	92380	20.018	ug/l	98
89) n-Butylbenzene	13.697	91	152652	19.713	ug/l	99
90) Hexachloroethane	13.959	117	32959	19.823	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	81279	19.859	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6228	20.619	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	48528	18.787	ug/l	100
94) Hexachlorobutadiene	15.111	225	29668	18.970	ug/l	97
95) Naphthalene	15.233	128	92020	19.005	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	43118	19.085	ug/l	99

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

