

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009791.D
 Acq On : 01 Aug 2022 12:58
 Operator : KP/MD
 Sample : VY0801SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0801SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/02/2022
 Supervised By :Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 01:37:17 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	173706	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	292087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	270310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56222	48.470	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.940%		
35) Dibromofluoromethane	7.710	113	64631	40.685	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.360%		
50) Toluene-d8	10.179	98	210692	45.126	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	90.260%		
62) 4-Bromofluorobenzene	12.477	95	101269	48.076	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	96.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	29340	18.973	ug/l	97
3) Chloromethane	2.107	50	42913	22.665	ug/l	99
4) Vinyl Chloride	2.241	62	47339	22.404	ug/l	97
5) Bromomethane	2.631	94	35382	24.155	ug/l	98
6) Chloroethane	2.778	64	30536	24.158	ug/l	97
7) Trichlorofluoromethane	3.113	101	56199	20.134	ug/l	90
8) Diethyl Ether	3.521	74	17854	19.734	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	31513	19.965	ug/l	95
10) Methyl Iodide	4.076	142	37177	18.153	ug/l	89
11) Tert butyl alcohol	4.948	59	15281	88.896	ug/l	97
12) 1,1-Dichloroethene	3.857	96	28607	19.278	ug/l	83
13) Acrolein	3.717	56	2814	95.091	ug/l	99
14) Allyl chloride	4.466	41	43312	18.564	ug/l #	92
15) Acrylonitrile	5.155	53	42996	98.675	ug/l	98
16) Acetone	3.936	43	37490	90.267	ug/l	92
17) Carbon Disulfide	4.180	76	90882	19.906	ug/l	99
18) Methyl Acetate	4.466	43	22243	20.047	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	75227	18.564	ug/l	97
20) Methylene Chloride	4.698	84	55652	22.608	ug/l	84
21) trans-1,2-Dichloroethene	5.210	96	33736	19.566	ug/l	86
22) Diisopropyl ether	6.112	45	98788	19.882	ug/l #	93
23) Vinyl Acetate	6.051	43	303918	95.676	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	57703	20.039	ug/l	97
25) 2-Butanone	6.978	43	58475	95.440	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	53316	19.477	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	36973	19.116	ug/l	88
28) Bromochloromethane	7.326	49	20326	19.581	ug/l	86
29) Tetrahydrofuran	7.338	42	37825	97.488	ug/l	93
30) Chloroform	7.502	83	60680	20.144	ug/l	99
31) Cyclohexane	7.777	56	51742	18.721	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	54054	19.991	ug/l	96
36) 1,1-Dichloropropene	7.911	75	45095	17.445	ug/l	94
37) Ethyl Acetate	7.070	43	25369	16.559	ug/l	95
38) Carbon Tetrachloride	7.893	117	50044	18.068	ug/l	99
39) Methylcyclohexane	9.179	83	60376	18.856	ug/l	90
40) Benzene	8.155	78	137763	17.987	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	12715m	16.290	ug/l	
42) 1,2-Dichloroethane	8.228	62	38563	18.060	ug/l	91
43) Isopropyl Acetate	8.265	43	45609	17.040	ug/l #	92
44) Trichloroethene	8.935	130	43316	19.715	ug/l	94
45) 1,2-Dichloropropane	9.209	63	37710	20.279	ug/l	96
46) Dibromomethane	9.301	93	22451	20.293	ug/l	94
47) Bromodichloromethane	9.490	83	52339	20.592	ug/l	97
48) Methyl methacrylate	9.289	41	21666	18.407	ug/l #	84
49) 1,4-Dioxane	9.295	88	5781	409.810	ug/l #	80
51) 4-Methyl-2-Pentanone	10.063	43	134343	98.661	ug/l	92
52) Toluene	10.240	92	93298	19.448	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	49449	18.839	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	59259	19.657	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	30776	19.674	ug/l	99
56) Ethyl methacrylate	10.508	69	35663	18.300	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	48641	19.119	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	59947	78.186	ug/l	93
59) 2-Hexanone	10.831	43	91275	94.057	ug/l	91
60) Dibromochloromethane	10.984	129	37962	20.064	ug/l	99
61) 1,2-Dibromoethane	11.087	107	28566	18.747	ug/l	99
64) Tetrachloroethene	10.715	164	39997	18.767	ug/l	96
65) Chlorobenzene	11.514	112	105147	19.385	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	40317	19.974	ug/l	98
67) Ethyl Benzene	11.587	91	181042	19.310	ug/l	99
68) m/p-Xylenes	11.697	106	141794	38.098	ug/l	91
69) o-Xylene	12.026	106	67940	19.520	ug/l	90
70) Styrene	12.044	104	115528	19.750	ug/l	95
71) Bromoform	12.203	173	26351	20.444	ug/l #	99
73) Isopropylbenzene	12.331	105	179976	20.626	ug/l	100
74) N-amyl acetate	12.142	43	44605	19.791	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	36733	21.403	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	26018m	21.340	ug/l	
77) Bromobenzene	12.605	156	46058	21.254	ug/l	89
78) n-propylbenzene	12.672	91	221287	21.341	ug/l	97
79) 2-Chlorotoluene	12.752	91	122123	20.810	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	153283	21.197	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	12591	20.585	ug/l	85
82) 4-Chlorotoluene	12.855	91	124754	20.435	ug/l	93
83) tert-Butylbenzene	13.075	119	128849	19.827	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	147512	20.238	ug/l	95
85) sec-Butylbenzene	13.251	105	189990	19.912	ug/l	98
86) p-Isopropyltoluene	13.367	119	152817	18.936	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	84417	19.293	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	84092	19.085	ug/l	99
89) n-Butylbenzene	13.696	91	137098	18.543	ug/l	99
90) Hexachloroethane	13.959	117	29927	18.852	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	75553	19.335	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5005	17.355	ug/l	67
93) 1,2,4-Trichlorobenzene	15.007	180	45742	18.547	ug/l	99
94) Hexachlorobutadiene	15.111	225	29091	19.482	ug/l	98
95) Naphthalene	15.233	128	82118	17.763	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	40337	18.700	ug/l	99

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

