

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009234.D
 Acq On : 17 Jun 2022 18:00
 Operator : KP/MD
 Sample : N3383-03MSD
 Misc : 6.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-03-(0-3.5)MSD

Quant Time: Jun 17 22:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	165772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	211989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91985	53.120	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.240%			
35) Dibromofluoromethane	7.710	113	66088	38.845	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 77.700%			
50) Toluene-d8	10.173	98	306750	47.365	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.720%			
62) 4-Bromofluorobenzene	12.477	95	82929	36.034	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 72.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	62577	49.868	ug/l	96
3) Chloromethane	2.101	50	70123	45.105	ug/l	95
4) Vinyl Chloride	2.241	62	79000	48.410	ug/l	99
5) Bromomethane	2.631	94	55156	48.110	ug/l	98
6) Chloroethane	2.778	64	50678	49.628	ug/l	95
7) Trichlorofluoromethane	3.107	101	134032	51.417	ug/l	97
8) Diethyl Ether	3.515	74	54684	55.286	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	80202	50.038	ug/l	95
10) Methyl Iodide	4.076	142	108657	53.069	ug/l	88
11) Tert butyl alcohol	4.948	59	51482	187.394	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	82325	52.189	ug/l	82
13) Acrolein	3.717	56	7713	150.181	ug/l	92
14) Allyl chloride	4.460	41	144867	50.891	ug/l	92
15) Acrylonitrile	5.155	53	154992	292.974	ug/l	97
16) Acetone	3.936	43	139054	318.787	ug/l	92
17) Carbon Disulfide	4.180	76	227234	49.759	ug/l	99
18) Methyl Acetate	4.460	43	77111	62.082	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	280353	58.905	ug/l	97
20) Methylene Chloride	4.698	84	105455	53.938	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	95468	51.651	ug/l	88
22) Diisopropyl ether	6.106	45	318298	54.229	ug/l #	85
23) Vinyl Acetate	6.100	43	156388	42.355	ug/l #	76
24) 1,1-Dichloroethane	5.997	63	179465	54.112	ug/l	97
25) 2-Butanone	6.978	43	196299	284.392	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	146155	49.735	ug/l	95
27) cis-1,2-Dichloroethene	6.972	96	114513	52.826	ug/l	87
28) Bromochloromethane	7.320	49	76467	53.791	ug/l #	83
29) Tetrahydrofuran	7.338	42	134779	294.081	ug/l	90
30) Chloroform	7.496	83	180306	52.852	ug/l	98
31) Cyclohexane	7.777	56	124168	40.030	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	154291	51.437	ug/l	96
36) 1,1-Dichloropropene	7.911	75	126761	48.436	ug/l	97
37) Ethyl Acetate	7.063	43	68230	43.812	ug/l #	94
38) Carbon Tetrachloride	7.893	117	134559	49.724	ug/l	98
39) Methylcyclohexane	9.179	83	98710	31.285	ug/l	91
40) Benzene	8.155	78	397872	52.061	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009234.D
 Acq On : 17 Jun 2022 18:00
 Operator : KP/MD
 Sample : N3383-03MSD
 Misc : 6.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-03-(0-3.5)MSD

Quant Time: Jun 17 22:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	49456m	56.777	ug/l	
42) 1,2-Dichloroethane	8.228	62	119909	53.799	ug/l	91
43) Isopropyl Acetate	8.264	43	152477	52.935	ug/l #	92
44) Trichloroethene	8.935	130	177980	81.473	ug/l	97
45) 1,2-Dichloropropane	9.209	63	100428	51.842	ug/l	93
46) Dibromomethane	9.301	93	58714	52.690	ug/l	98
47) Bromodichloromethane	9.490	83	136971	51.573	ug/l	99
48) Methyl methacrylate	9.289	41	66769	51.933	ug/l #	88
49) 1,4-Dioxane	9.289	88	16908	1066.685	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	422468	278.822	ug/l	91
52) Toluene	10.240	92	234050	47.964	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	135158	48.515	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	155786	49.513	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	85209	54.035	ug/l	98
56) Ethyl methacrylate	10.508	69	107834	50.443	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	137884	51.185	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	239690	258.667	ug/l	95
59) 2-Hexanone	10.825	43	291294	280.238	ug/l	90
60) Dibromochloromethane	10.977	129	96370	49.916	ug/l	100
61) 1,2-Dibromoethane	11.081	107	77926	50.704	ug/l	100
64) Tetrachloroethene	10.715	164	171217	87.181	ug/l	96
65) Chlorobenzene	11.514	112	227943	49.637	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	89682	53.326	ug/l	98
67) Ethyl Benzene	11.587	91	400632	49.996	ug/l	97
68) m/p-Xylenes	11.697	106	307953	97.478	ug/l	93
69) o-Xylene	12.026	106	150875	50.404	ug/l	92
70) Styrene	12.038	104	243462	48.485	ug/l	95
71) Bromoform	12.203	173	56386	52.492	ug/l #	99
73) Isopropylbenzene	12.325	105	328355	65.622	ug/l	99
74) N-amyl acetate	12.142	43	89673	64.246	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.575	83	16993	17.159	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	69373m	94.503	ug/l	
77) Bromobenzene	12.605	156	83547	67.960	ug/l	95
78) n-propylbenzene	12.666	91	341755	56.448	ug/l	97
79) 2-Chlorotoluene	12.751	91	209574	61.437	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	254183	60.777	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	29949	81.305	ug/l #	66
82) 4-Chlorotoluene	12.849	91	208160	58.483	ug/l	95
83) tert-Butylbenzene	13.069	119	179216	48.739	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	293620	71.527	ug/l	97
85) sec-Butylbenzene	13.251	105	222350	40.837	ug/l	98
86) p-Isopropyltoluene	13.367	119	186219	41.214	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	117902	49.725	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	119407	49.611	ug/l	98
89) n-Butylbenzene	13.690	91	139324	32.608	ug/l	95
90) Hexachloroethane	13.959	117	34471	40.460	ug/l	84
91) 1,2-Dichlorobenzene	13.733	146	107848	50.300	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12512	70.019	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	27040	20.058	ug/l	95
94) Hexachlorobutadiene	15.111	225	8843	11.935	ug/l	98
95) Naphthalene	15.233	128	1035692	368.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	21433	18.065	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
Data File : VY009234.D
Acq On : 17 Jun 2022 18:00
Operator : KP/MD
Sample : N3383-03MSD
Misc : 6.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-03-(0-3.5)MSD

Quant Time: Jun 17 22:56:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

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

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

