

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009368.D
 Acq On : 29 Jun 2022 11:34
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062922

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 30 16:56:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	152961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56632	46.224	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.440%		
35) Dibromofluoromethane	7.715	113	63763	48.367	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.740%		
50) Toluene-d8	10.178	98	203999	50.470	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.940%		
62) 4-Bromofluorobenzene	12.483	95	96960	50.579	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	55656	44.197	ug/l	96
3) Chloromethane	2.113	50	60075	43.844	ug/l	100
4) Vinyl Chloride	2.247	62	71933	45.382	ug/l	99
5) Bromomethane	2.643	94	44148	43.405	ug/l	96
6) Chloroethane	2.789	64	39475	46.709	ug/l	98
7) Trichlorofluoromethane	3.119	101	98529	46.853	ug/l	96
8) Diethyl Ether	3.527	74	37044	45.085	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	69520	46.119	ug/l	96
10) Methyl Iodide	4.088	142	83757	50.619	ug/l	91
11) Tert butyl alcohol	4.948	59	46777	234.264	ug/l	100
12) 1,1-Dichloroethene	3.869	96	63165	45.938	ug/l	91
13) Acrolein	3.722	56	18383	179.779	ug/l	99
14) Allyl chloride	4.472	41	115379	45.794	ug/l	96
15) Acrylonitrile	5.155	53	110706	237.840	ug/l	98
16) Acetone	3.942	43	105336	261.793	ug/l	97
17) Carbon Disulfide	4.192	76	173750	45.427	ug/l	100
18) Methyl Acetate	4.466	43	49014	46.809	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	199112	48.285	ug/l	99
20) Methylene Chloride	4.710	84	83188	44.537	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	78718	47.818	ug/l	91
22) Diisopropyl ether	6.112	45	277186	52.131	ug/l	95
23) Vinyl Acetate	6.051	43	875288	262.784	ug/l #	95
24) 1,1-Dichloroethane	6.008	63	145865	48.793	ug/l	98
25) 2-Butanone	6.978	43	160726	251.961	ug/l	94
26) 2,2-Dichloropropane	6.978	77	136232	48.149	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	94604	49.466	ug/l	91
28) Bromochloromethane	7.325	49	69697	54.297	ug/l #	93
29) Tetrahydrofuran	7.343	42	97574	238.584	ug/l	93
30) Chloroform	7.502	83	148841	48.443	ug/l	98
31) Cyclohexane	7.776	56	130003	47.176	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	131586	47.824	ug/l	97
36) 1,1-Dichloropropene	7.910	75	115365	50.048	ug/l	98
37) Ethyl Acetate	7.063	43	67094	49.082	ug/l #	95
38) Carbon Tetrachloride	7.898	117	120057	49.830	ug/l	100
39) Methylcyclohexane	9.179	83	138653	50.824	ug/l	90
40) Benzene	8.154	78	340027	50.442	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009368.D
 Acq On : 29 Jun 2022 11:34
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062922

Quant Time: Jun 30 16:56:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	45755m	59.247	ug/l	
42) 1,2-Dichloroethane	8.234	62	96243	49.772	ug/l	92
43) Isopropyl Acetate	8.270	43	125024	49.815	ug/l	93
44) Trichloroethene	8.935	130	94330	50.363	ug/l	98
45) 1,2-Dichloropropane	9.215	63	88680	51.935	ug/l	96
46) Dibromomethane	9.300	93	48486	49.566	ug/l	96
47) Bromodichloromethane	9.496	83	116181	50.153	ug/l	97
48) Methyl methacrylate	9.288	41	54755	50.608	ug/l #	89
49) 1,4-Dioxane	9.294	88	12422	910.991	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	329380	254.541	ug/l	93
52) Toluene	10.239	92	219542	51.620	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	125149	54.006	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	141057	50.982	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	70511	54.179	ug/l	98
56) Ethyl methacrylate	10.508	69	94710	57.013	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	117819	51.103	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	254019	276.179	ug/l	98
59) 2-Hexanone	10.831	43	234895	262.778	ug/l	92
60) Dibromochloromethane	10.983	129	84894	51.544	ug/l	100
61) 1,2-Dibromoethane	11.087	107	65655	50.249	ug/l	100
64) Tetrachloroethene	10.715	164	100443	48.598	ug/l	99
65) Chlorobenzene	11.513	112	238721	50.255	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	86149	49.442	ug/l	97
67) Ethyl Benzene	11.593	91	426896	51.804	ug/l	99
68) m/p-Xylenes	11.702	106	335345	101.771	ug/l	93
69) o-Xylene	12.026	106	157898	50.777	ug/l	93
70) Styrene	12.044	104	270678	52.537	ug/l	95
71) Bromoform	12.208	173	54662	49.927	ug/l #	97
73) Isopropylbenzene	12.330	105	427130	52.048	ug/l	99
74) N-amyl acetate	12.141	43	107867	50.110	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.580	83	78941	49.659	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	61988m	47.642	ug/l	
77) Bromobenzene	12.605	156	98833	50.521	ug/l	94
78) n-propylbenzene	12.672	91	509428	51.031	ug/l	98
79) 2-Chlorotoluene	12.757	91	283936	50.390	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	354063	51.592	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	29404	50.316	ug/l	86
82) 4-Chlorotoluene	12.855	91	297601	50.823	ug/l	97
83) tert-Butylbenzene	13.074	119	306585	53.172	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	349906	53.655	ug/l	98
85) sec-Butylbenzene	13.251	105	466329	53.698	ug/l	99
86) p-Isopropyltoluene	13.367	119	382784	52.416	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	193970	50.188	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	194612	48.934	ug/l	99
89) n-Butylbenzene	13.696	91	361190	52.639	ug/l	99
90) Hexachloroethane	13.964	117	74242	51.276	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	174409	49.755	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	12567	47.170	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	99911	48.016	ug/l	97
94) Hexachlorobutadiene	15.110	225	57595	49.307	ug/l	98
95) Naphthalene	15.238	128	197602	47.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	86864	48.051	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009368.D
Acq On : 29 Jun 2022 11:34
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062922

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 30 16:56:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration

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

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

