

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009253.D
 Acq On : 21 Jun 2022 12:55
 Operator : KP/MD
 Sample : VSTDICC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC050

Quant Time: Jun 21 13:34:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 13:33:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	177671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92103	49.597	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.200%		
35) Dibromofluoromethane	7.716	113	92796	51.897	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.800%		
50) Toluene-d8	10.179	98	346898	51.066	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.140%		
62) 4-Bromofluorobenzene	12.477	95	118944	49.348	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	55813	42.018	ug/l	94
3) Chloromethane	2.107	50	74092	44.908	ug/l	95
4) Vinyl Chloride	2.247	62	83330	47.888	ug/l	96
5) Bromomethane	2.643	94	56625	46.285	ug/l	100
6) Chloroethane	2.784	64	54415	49.826	ug/l	98
7) Trichlorofluoromethane	3.119	101	126536	45.617	ug/l	94
8) Diethyl Ether	3.521	74	49419	47.089	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	83075	48.426	ug/l	93
10) Methyl Iodide	4.082	142	111685	51.173	ug/l #	88
11) Tert butyl alcohol	4.948	59	54798	184.653	ug/l	99
12) 1,1-Dichloroethene	3.863	96	77832	46.557	ug/l	88
13) Acrolein	3.723	56	24574	348.890	ug/l	98
14) Allyl chloride	4.472	41	147070	48.678	ug/l	93
15) Acrylonitrile	5.155	53	139231	247.064	ug/l	98
16) Acetone	3.936	43	103678	222.805	ug/l	91
17) Carbon Disulfide	4.186	76	224532	46.567	ug/l	99
18) Methyl Acetate	4.472	43	64253	41.519	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	253585	49.874	ug/l	98
20) Methylene Chloride	4.704	84	113786	47.141	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	99801	50.693	ug/l	85
22) Diisopropyl ether	6.112	45	328841	52.089	ug/l	94
23) Vinyl Acetate	6.051	43	1054602	267.090	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	180292	50.747	ug/l	99
25) 2-Butanone	6.978	43	184485	249.758	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	161026	50.848	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	119494	51.485	ug/l	89
28) Bromochloromethane	7.326	49	79446	52.149	ug/l #	88
29) Tetrahydrofuran	7.338	42	122423	250.771	ug/l	91
30) Chloroform	7.502	83	187279	51.155	ug/l	99
31) Cyclohexane	7.777	56	163266	49.273	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	161650	50.415	ug/l	96
36) 1,1-Dichloropropene	7.911	75	139572	51.177	ug/l	97
37) Ethyl Acetate	7.070	43	80808	49.731	ug/l #	93
38) Carbon Tetrachloride	7.899	117	143688	50.816	ug/l	98
39) Methylcyclohexane	9.179	83	172831	52.422	ug/l	92
40) Benzene	8.155	78	420570	52.362	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009253.D
 Acq On : 21 Jun 2022 12:55
 Operator : KP/MD
 Sample : VSTDICC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 06/23/2022
 Supervised By : Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 21 13:34:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 13:33:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	49578m	56.449	ug/l	
42) 1,2-Dichloroethane	8.234	62	117242	50.277	ug/l	91
43) Isopropyl Acetate	8.271	43	150291	49.992	ug/l #	91
44) Trichloroethene	8.935	130	116505	50.892	ug/l	96
45) 1,2-Dichloropropane	9.215	63	108893	53.395	ug/l	98
46) Dibromomethane	9.301	93	60158	51.574	ug/l	98
47) Bromodichloromethane	9.496	83	144988	52.006	ug/l	95
48) Methyl methacrylate	9.289	41	66668	50.053	ug/l #	87
49) 1,4-Dioxane	9.295	88	16472	1002.389	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	387623	245.501	ug/l	92
52) Toluene	10.240	92	263205	51.425	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	151840	51.963	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	175340	52.971	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	86892	52.559	ug/l	98
56) Ethyl methacrylate	10.508	69	116078	52.040	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	144849	51.428	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	245123	251.497	ug/l	95
59) 2-Hexanone	10.831	43	266300	245.661	ug/l	90
60) Dibromochloromethane	10.983	129	104846	51.795	ug/l	100
61) 1,2-Dibromoethane	11.087	107	81571	51.006	ug/l	98
64) Tetrachloroethene	10.715	164	122467	51.498	ug/l	96
65) Chlorobenzene	11.514	112	282273	50.753	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	104031	51.049	ug/l	96
67) Ethyl Benzene	11.593	91	495210	51.036	ug/l	97
68) m/p-Xylenes	11.703	106	386474	101.110	ug/l	92
69) o-Xylene	12.026	106	187442	51.618	ug/l	91
70) Styrene	12.044	104	308539	50.744	ug/l	97
71) Bromoform	12.209	173	64707	49.893	ug/l #	100
73) Isopropylbenzene	12.325	105	486350	52.582	ug/l	99
74) N-amyl acetate	12.142	43	124440	48.655	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	90270	49.607	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	69151m	50.786	ug/l	
77) Bromobenzene	12.605	156	116525	51.400	ug/l	92
78) n-propylbenzene	12.666	91	585074	52.320	ug/l	97
79) 2-Chlorotoluene	12.758	91	328845	52.114	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	399872	51.842	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	33818	49.889	ug/l	87
82) 4-Chlorotoluene	12.855	91	337590	51.312	ug/l	97
83) tert-Butylbenzene	13.075	119	352545	52.137	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	397135	52.461	ug/l	97
85) sec-Butylbenzene	13.251	105	521790	51.914	ug/l	98
86) p-Isopropyltoluene	13.367	119	435978	52.290	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	220597	50.505	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	221811	50.121	ug/l	98
89) n-Butylbenzene	13.696	91	402972	51.219	ug/l	99
90) Hexachloroethane	13.959	117	83524	52.878	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	200847	50.980	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15372	47.536	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	127502	51.659	ug/l	98
94) Hexachlorobutadiene	15.111	225	68364	50.374	ug/l	98
95) Naphthalene	15.233	128	262726	51.317	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	107100	49.657	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
Data File : VY009253.D
Acq On : 21 Jun 2022 12:55
Operator : KP/MD
Sample : VSTDICC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 21 13:34:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 13:33:05 2022
Response via : Initial Calibration

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

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

