

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009471.D
 Acq On : 07 Jul 2022 14:19
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 08 01:32:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 07/08/2022
 Supervised By : Semsettin Yesilyurt 07/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	195725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	312314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	64653	38.642	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.280%		
35) Dibromofluoromethane	7.710	113	70901	43.145	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.300%		
50) Toluene-d8	10.173	98	211372	37.441	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	74.880%#		
62) 4-Bromofluorobenzene	12.477	95	111469	48.054	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	96.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	74361	49.543	ug/l	97
3) Chloromethane	2.107	50	88127	52.577	ug/l	100
4) Vinyl Chloride	2.241	62	102899	53.920	ug/l	98
5) Bromomethane	2.637	94	67413	49.170	ug/l	99
6) Chloroethane	2.784	64	55256	49.594	ug/l	99
7) Trichlorofluoromethane	3.113	101	130818	51.344	ug/l	93
8) Diethyl Ether	3.521	74	50300	51.602	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	87118	50.466	ug/l	96
10) Methyl Iodide	4.076	142	113372	55.350	ug/l	90
11) Tert butyl alcohol	4.948	59	59629	197.867	ug/l	98
12) 1,1-Dichloroethene	3.863	96	84198	52.586	ug/l	87
13) Acrolein	3.723	56	38405	312.505	ug/l	99
14) Allyl chloride	4.466	41	154121	55.946	ug/l	93
15) Acrylonitrile	5.149	53	140841	262.586	ug/l	98
16) Acetone	3.936	43	158674	333.257	ug/l	92
17) Carbon Disulfide	4.186	76	270684	60.065	ug/l	100
18) Methyl Acetate	4.466	43	65208	46.645	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	248765	51.333	ug/l	96
20) Methylene Chloride	4.704	84	110711	41.308	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	100263	53.443	ug/l	87
22) Diisopropyl ether	6.106	45	328876	56.154	ug/l	94
23) Vinyl Acetate	6.051	43	1104062	294.831	ug/l	96
24) 1,1-Dichloroethane	6.009	63	171847	52.031	ug/l	99
25) 2-Butanone	6.978	43	222705	289.142	ug/l	93
26) 2,2-Dichloropropane	6.972	77	162785	50.008	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	113122	51.217	ug/l	91
28) Bromochloromethane	7.326	49	73757	53.133	ug/l	91
29) Tetrahydrofuran	7.338	42	133794	268.565	ug/l	93
30) Chloroform	7.496	83	177221	49.028	ug/l	100
31) Cyclohexane	7.777	56	171334	53.357	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	160736	50.436	ug/l	97
36) 1,1-Dichloropropene	7.911	75	143574	53.665	ug/l	98
37) Ethyl Acetate	7.063	43	87993	52.470	ug/l	96
38) Carbon Tetrachloride	7.892	117	148908	52.043	ug/l	96
39) Methylcyclohexane	9.179	83	182659	56.878	ug/l	90
40) Benzene	8.155	78	419231	53.364	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009471.D
 Acq On : 07 Jul 2022 14:19
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022

Quant Time: Jul 08 01:32:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	47934m	30.736	ug/l	
42) 1,2-Dichloroethane	8.228	62	120374	51.037	ug/l	92
43) Isopropyl Acetate	8.264	43	164740	52.649	ug/l	95
44) Trichloroethene	8.935	130	116131	52.327	ug/l	100
45) 1,2-Dichloropropane	9.209	63	104880	52.752	ug/l	96
46) Dibromomethane	9.301	93	61016	52.289	ug/l	98
47) Bromodichloromethane	9.490	83	140672	50.649	ug/l	99
48) Methyl methacrylate	9.289	41	73447	54.480	ug/l	91
49) 1,4-Dioxane	9.289	88	17988	1046.761	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	443192	269.330	ug/l	93
52) Toluene	10.240	92	273309	54.594	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	157142	53.690	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	173198	53.069	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	88542	52.597	ug/l	97
56) Ethyl methacrylate	10.502	69	126647	56.666	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	146697	52.862	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	302633	277.189	ug/l	97
59) 2-Hexanone	10.825	43	328674	288.249	ug/l	91
60) Dibromochloromethane	10.977	129	107684	52.824	ug/l	99
61) 1,2-Dibromoethane	11.081	107	85538	53.003	ug/l	99
64) Tetrachloroethene	10.715	164	126069	53.001	ug/l	98
65) Chlorobenzene	11.514	112	293063	52.451	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	108470	51.609	ug/l	97
67) Ethyl Benzene	11.587	91	519989	53.308	ug/l	97
68) m/p-Xylenes	11.697	106	410812	107.987	ug/l	93
69) o-Xylene	12.026	106	197644	54.202	ug/l	90
70) Styrene	12.038	104	329485	54.097	ug/l	96
71) Bromoform	12.203	173	71181	53.137	ug/l #	98
73) Isopropylbenzene	12.325	105	520341	53.560	ug/l	99
74) N-amyl acetate	12.142	43	142440	51.531	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.575	83	102282	52.581	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	84943m	33.903	ug/l	
77) Bromobenzene	12.605	156	123429	52.188	ug/l	95
78) n-propylbenzene	12.666	91	628548	53.552	ug/l	98
79) 2-Chlorotoluene	12.751	91	349452	53.181	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	432702	53.285	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	39582	53.872	ug/l #	84
82) 4-Chlorotoluene	12.849	91	361067	52.432	ug/l	97
83) tert-Butylbenzene	13.068	119	383003	53.014	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	428242	52.983	ug/l	96
85) sec-Butylbenzene	13.251	105	562047	52.825	ug/l	98
86) p-Isopropyltoluene	13.367	119	467375	52.698	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	239562	51.314	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	240111	50.817	ug/l	99
89) n-Butylbenzene	13.690	91	434212	52.429	ug/l	98
90) Hexachloroethane	13.958	117	90152	51.807	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	216010	50.501	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17625	51.694	ug/l	80
93) 1,2,4-Trichlorobenzene	15.001	180	132838	50.920	ug/l	100
94) Hexachlorobutadiene	15.105	225	71843	50.091	ug/l	98
95) Naphthalene	15.233	128	286549	53.126	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	115088	50.935	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
Data File : VY009471.D
Acq On : 07 Jul 2022 14:19
Operator : KP/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

Quant Time: Jul 08 01:32:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 01:24:14 2022
Response via : Initial Calibration

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

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

