

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008829.D
 Acq On : 18 May 2022 21:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/23/2022
 Supervised By :Mahesh Dadoda 05/23/2022

Quant Time: May 19 03:14:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	244474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82551	61.765	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.540%			
35) Dibromofluoromethane	7.716	113	77865	54.512	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.020%			
50) Toluene-d8	10.179	98	334212	52.471	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.940%			
62) 4-Bromofluorobenzene	12.483	95	124118	54.445	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41797	46.167	ug/l	99
3) Chloromethane	2.113	50	64457	49.389	ug/l	95
4) Vinyl Chloride	2.247	62	96310	49.166	ug/l	99
5) Bromomethane	2.643	94	88480	52.710	ug/l	99
6) Chloroethane	2.790	64	72031	48.062	ug/l	96
7) Trichlorofluoromethane	3.125	101	89885	46.124	ug/l	90
8) Diethyl Ether	3.527	74	30786	48.229	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	59008	49.688	ug/l	92
10) Methyl Iodide	4.088	142	65727	44.036	ug/l	92
11) Tert butyl alcohol	4.954	59	29631	200.598	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	52717	43.124	ug/l	81
13) Acrolein	3.735	56	8496	116.267	ug/l	98
14) Allyl chloride	4.479	41	82036	45.622	ug/l #	89
15) Acrylonitrile	5.155	53	88854	205.271	ug/l	99
16) Acetone	3.948	43	64091	210.737	ug/l	92
17) Carbon Disulfide	4.192	76	142967	45.172	ug/l	99
18) Methyl Acetate	4.472	43	40742	42.188	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	178285	54.151	ug/l	98
20) Methylene Chloride	4.710	84	79363	58.762	ug/l	82
21) trans-1,2-Dichloroethene	5.216	96	67021	44.713	ug/l	87
22) Diisopropyl ether	6.118	45	214426	56.308	ug/l #	94
23) Vinyl Acetate	6.058	43	703160	261.885	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	122311	48.405	ug/l	99
25) 2-Butanone	6.984	43	117318	209.165	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	103878	43.253	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	81447	48.991	ug/l	87
28) Bromochloromethane	7.332	49	53169	55.501	ug/l	87
29) Tetrahydrofuran	7.344	42	79633	213.128	ug/l #	85
30) Chloroform	7.502	83	136012	50.205	ug/l	98
31) Cyclohexane	7.783	56	102399	48.405	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	119944	47.752	ug/l	97
36) 1,1-Dichloropropene	7.917	75	96132	42.020	ug/l	95
37) Ethyl Acetate	7.070	43	54226	39.775	ug/l	96
38) Carbon Tetrachloride	7.899	117	106126	43.285	ug/l	100
39) Methylcyclohexane	9.179	83	123202	45.410	ug/l	90
40) Benzene	8.161	78	298180	46.580	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008829.D
 Acq On : 18 May 2022 21:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/23/2022
 Supervised By : Mahesh Dadoda 05/23/2022

Quant Time: May 19 03:14:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24613	34.329	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	91032	48.445	ug/l	92
43) Isopropyl Acetate	8.271	43	107824	47.509	ug/l #	92
44) Trichloroethene	8.941	130	79469	45.637	ug/l	98
45) 1,2-Dichloropropane	9.215	63	76201	50.088	ug/l	93
46) Dibromomethane	9.301	93	46642	46.656	ug/l	95
47) Bromodichloromethane	9.496	83	111602	50.357	ug/l	100
48) Methyl methacrylate	9.295	41	47671	47.837	ug/l #	84
49) 1,4-Dioxane	9.301	88	12289	818.410	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	305075	227.699	ug/l	90
52) Toluene	10.240	92	218630	50.261	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	121296	52.693	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	124124	50.003	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	70099	51.565	ug/l	100
56) Ethyl methacrylate	10.508	69	91605	55.541	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	114496	51.222	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	242474	288.300	ug/l	94
59) 2-Hexanone	10.831	43	213326	222.840	ug/l	87
60) Dibromochloromethane	10.983	129	85984	52.688	ug/l	100
61) 1,2-Dibromoethane	11.087	107	67621	49.880	ug/l	100
64) Tetrachloroethene	10.721	164	68382	42.698	ug/l	96
65) Chlorobenzene	11.514	112	238982	47.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	92363	49.928	ug/l	97
67) Ethyl Benzene	11.593	91	433063	47.891	ug/l	98
68) m/p-Xylenes	11.703	106	359500	99.792	ug/l	92
69) o-Xylene	12.026	106	169810	51.014	ug/l	91
70) Styrene	12.044	104	303454	53.853	ug/l	93
71) Bromoform	12.209	173	61352	48.854	ug/l #	99
73) Isopropylbenzene	12.331	105	462536	42.272	ug/l	99
74) N-amyl acetate	12.142	43	114444	43.819	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	98135	40.343	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	70014m	37.991	ug/l	
77) Bromobenzene	12.611	156	107002	42.204	ug/l	94
78) n-propylbenzene	12.672	91	570914	42.472	ug/l	99
79) 2-Chlorotoluene	12.758	91	319772	43.920	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	405587	45.910	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	31979	37.955	ug/l	85
82) 4-Chlorotoluene	12.855	91	351487	45.698	ug/l	97
83) tert-Butylbenzene	13.075	119	361185	45.460	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	411030	46.997	ug/l	97
85) sec-Butylbenzene	13.251	105	565335	45.607	ug/l	99
86) p-Isopropyltoluene	13.367	119	478552	47.347	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	243739	45.754	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	241947	45.916	ug/l	99
89) n-Butylbenzene	13.696	91	430353	44.857	ug/l	100
90) Hexachloroethane	13.959	117	85903	44.953	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	218923	46.993	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15172	36.478	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	113709	44.698	ug/l	100
94) Hexachlorobutadiene	15.111	225	63223	43.189	ug/l	100
95) Naphthalene	15.239	128	238879	42.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	101277	45.318	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
Data File : VY008829.D
Acq On : 18 May 2022 21:08
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/23/2022
Supervised By :Mahesh Dadoda 05/23/2022

Quant Time: May 19 03:14:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration

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

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

