

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008806.D
 Acq On : 18 May 2022 11:11
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 19 03:08:39 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	167580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	276831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87258	56.127	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.260%			
35) Dibromofluoromethane	7.716	113	83891	52.731	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.460%			
50) Toluene-d8	10.179	98	363469	51.310	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.620%			
62) 4-Bromofluorobenzene	12.483	95	138770	54.641	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52556	50.476	ug/l	97
3) Chloromethane	2.113	50	81034	54.399	ug/l	96
4) Vinyl Chloride	2.253	62	120076	53.376	ug/l	99
5) Bromomethane	2.644	94	104106	53.350	ug/l	98
6) Chloroethane	2.790	64	89764	52.034	ug/l	97
7) Trichlorofluoromethane	3.125	101	120238	53.971	ug/l	93
8) Diethyl Ether	3.528	74	38958	52.468	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.900	101	75353	55.038	ug/l	95
10) Methyl Iodide	4.089	142	89636	51.629	ug/l	93
11) Tert butyl alcohol	4.954	59	35190	204.807	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	66939	47.075	ug/l	90
13) Acrolein	3.735	56	12907	151.849	ug/l	97
14) Allyl chloride	4.479	41	105116	50.256	ug/l #	88
15) Acrylonitrile	5.162	53	109815	218.101	ug/l	99
16) Acetone	3.942	43	79660	227.240	ug/l	93
17) Carbon Disulfide	4.192	76	185548	50.942	ug/l	98
18) Methyl Acetate	4.473	43	49317	44.112	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	216369	56.497	ug/l	95
20) Methylene Chloride	4.710	84	83280	52.274	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	85316	48.933	ug/l	86
22) Diisopropyl ether	6.119	45	265620	59.965	ug/l #	93
23) Vinyl Acetate	6.058	43	880133	281.806	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	154837	52.680	ug/l	98
25) 2-Butanone	6.984	43	146830	225.053	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	150183	53.760	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	101388	52.429	ug/l	89
28) Bromochloromethane	7.332	49	55886	50.153	ug/l #	86
29) Tetrahydrofuran	7.344	42	99186	228.215	ug/l #	84
30) Chloroform	7.503	83	170670	54.159	ug/l	99
31) Cyclohexane	7.783	56	137434	56.357	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	155337	53.166	ug/l	98
36) 1,1-Dichloropropene	7.917	75	127870	50.183	ug/l	97
37) Ethyl Acetate	7.070	43	67933	44.739	ug/l	97
38) Carbon Tetrachloride	7.899	117	138766	50.816	ug/l	96
39) Methylcyclohexane	9.185	83	163539	54.120	ug/l	88
40) Benzene	8.161	78	374556	52.534	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008806.D
 Acq On : 18 May 2022 11:11
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 19 03:08:39 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	7.326	41	42864m	53.678	ug/l	
42) 1,2-Dichloroethane	8.234	62	112853	53.923	ug/l	94
43) Isopropyl Acetate	8.271	43	135938	53.778	ug/l #	92
44) Trichloroethene	8.935	130	102133	52.661	ug/l	98
45) 1,2-Dichloropropane	9.216	63	96757	57.102	ug/l	95
46) Dibromomethane	9.307	93	58810	52.819	ug/l	94
47) Bromodichloromethane	9.496	83	138673	56.181	ug/l	99
48) Methyl methacrylate	9.289	41	62183	56.025	ug/l #	87
49) 1,4-Dioxane	9.301	88	15798	944.624	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	385605	258.405	ug/l	90
52) Toluene	10.246	92	284647	58.754	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	153790	59.984	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	158667	57.390	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	87876	58.039	ug/l	99
56) Ethyl methacrylate	10.508	69	115426	62.835	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	140342	56.371	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	257718	275.123	ug/l	94
59) 2-Hexanone	10.831	43	274462	257.415	ug/l	88
60) Dibromochloromethane	10.984	129	107815	59.316	ug/l	98
61) 1,2-Dibromoethane	11.087	107	84773	56.144	ug/l	99
64) Tetrachloroethene	10.721	164	88923	50.181	ug/l	98
65) Chlorobenzene	11.520	112	301248	53.768	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	118598	57.941	ug/l	98
67) Ethyl Benzene	11.593	91	566037	56.572	ug/l	97
68) m/p-Xylenes	11.703	106	479666	120.336	ug/l	90
69) o-Xylene	12.032	106	220284	59.810	ug/l	92
70) Styrene	12.044	104	394826	63.327	ug/l	94
71) Bromoform	12.209	173	77895	56.059	ug/l #	99
73) Isopropylbenzene	12.331	105	615316	50.720	ug/l	99
74) N-amyl acetate	12.142	43	146358	50.543	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	122029	45.246	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	108036m	52.873	ug/l	
77) Bromobenzene	12.611	156	138162	49.150	ug/l	94
78) n-propylbenzene	12.672	91	760129	51.003	ug/l	99
79) 2-Chlorotoluene	12.758	91	416437	51.588	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	533008	54.416	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	43517	46.584	ug/l	86
82) 4-Chlorotoluene	12.855	91	462552	54.240	ug/l	98
83) tert-Butylbenzene	13.075	119	468852	53.225	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	540612	55.752	ug/l	97
85) sec-Butylbenzene	13.258	105	747725	54.406	ug/l	100
86) p-Isopropyltoluene	13.373	119	632068	56.403	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	315952	53.493	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	313413	53.646	ug/l	98
89) n-Butylbenzene	13.697	91	575168	54.072	ug/l	99
90) Hexachloroethane	13.965	117	110502	52.154	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	279082	54.032	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18798	40.764	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	149989	53.177	ug/l	99
94) Hexachlorobutadiene	15.111	225	80412	49.544	ug/l	98
95) Naphthalene	15.239	128	313807	49.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	131216	52.957	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008806.D
 Acq On : 18 May 2022 11:11
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VSTDCCC050

Manual Integrations
APPROVED

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

Quant Time: May 19 03:08:39 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

