

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004817.D
 Acq On : 18 May 2021 10:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

5/19/2021 3:59:04 PM

Quant Time: May 19 01:00:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	201109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	326178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	296043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122041	50.98	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.96%		
35) Dibromofluoromethane	7.722	113	99041	55.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.92%		
50) Toluene-d8	10.185	98	432968	53.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	107.34%		
62) 4-Bromofluorobenzene	12.483	95	142812	52.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.92%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	95325	51.76	ug/l	99
3) Chloromethane	2.119	50	144053	48.27	ug/l	98
4) Vinyl Chloride	2.259	62	147312	48.24	ug/l	99
5) Bromomethane	2.656	94	77924	50.03	ug/l	95
6) Chloroethane	2.802	64	89125	49.45	ug/l	96
7) Trichlorofluoromethane	3.131	101	192360	53.06	ug/l	98
8) Diethyl Ether	3.540	74	66059	51.57	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	111822	54.37	ug/l	98
10) Methyl Iodide	4.100	142	120617	54.85	ug/l	100
11) Tert butyl alcohol	4.966	59	52110	216.61	ug/l	98
12) 1,1-Dichloroethene	3.881	96	108545	54.60	ug/l	99
13) Acrolein	3.735	56	67667	239.26	ug/l	97
14) Allyl chloride	4.485	41	213037	54.84	ug/l	98
15) Acrylonitrile	5.173	53	164130	255.63	ug/l	99
16) Acetone	3.960	43	112347	208.95	ug/l	100
17) Carbon Disulfide	4.204	76	325508	53.62	ug/l	99
18) Methyl Acetate	4.485	43	85501	49.87	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	286917	52.48	ug/l	99
20) Methylene Chloride	4.722	84	120590	48.05	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	123605	54.73	ug/l	97
22) Diisopropyl ether	6.131	45	416181	55.70	ug/l	96
23) Vinyl Acetate	6.070	43	1490733	265.65	ug/l	100
24) 1,1-Dichloroethane	6.027	63	234276	55.72	ug/l	99
25) 2-Butanone	6.996	43	222631	233.06	ug/l	100
26) 2,2-Dichloropropane	6.990	77	208523	56.78	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	138461	55.20	ug/l	99
28) Bromochloromethane	7.338	49	105096	51.17	ug/l	97
29) Tetrahydrofuran	7.356	42	151226	248.17	ug/l	99
30) Chloroform	7.515	83	225588	54.46	ug/l	97
31) Cyclohexane	7.789	56	206159	53.20	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	202654	54.58	ug/l	99
36) 1,1-Dichloropropene	7.923	75	186038	55.65	ug/l	99
37) Ethyl Acetate	7.082	43	112965	49.31	ug/l	100
38) Carbon Tetrachloride	7.905	117	170185	56.64	ug/l	98
39) Methylcyclohexane	9.185	83	204732	56.16	ug/l	98
40) Benzene	8.167	78	523208	55.37	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004817.D
 Acq On : 18 May 2021 10:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

5/19/2021 3:59:04 PM

Quant Time: May 19 01:00:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	64580m	51.59	ug/l	
42) 1,2-Dichloroethane	8.240	62	155716	52.18	ug/l	99
43) Isopropyl Acetate	8.277	43	217360	51.11	ug/l	99
44) Trichloroethene	8.941	130	138828	54.65	ug/l	95
45) 1,2-Dichloropropane	9.222	63	137935	55.80	ug/l	98
46) Dibromomethane	9.307	93	71539	52.03	ug/l	99
47) Bromodichloromethane	9.502	83	176196	54.03	ug/l	99
48) Methyl methacrylate	9.295	41	100493	51.93	ug/l	98
49) 1,4-Dioxane	9.301	88	16237	1002.95	ug/l	88
51) 4-Methyl-2-Pentanone	10.075	43	577805	252.54	ug/l	99
52) Toluene	10.246	92	328979	55.14	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	194077	53.72	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	219924	54.71	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	99899	52.80	ug/l	99
56) Ethyl methacrylate	10.514	69	148283	54.19	ug/l	97
57) 1,3-Dichloropropane	10.794	76	182173	54.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	347125	245.77	ug/l	100
59) 2-Hexanone	10.837	43	388088	250.31	ug/l	98
60) Dibromochloromethane	10.990	129	119080	52.93	ug/l	99
61) 1,2-Dibromoethane	11.093	107	95617	52.41	ug/l	98
64) Tetrachloroethene	10.721	164	142282	53.19	ug/l	99
65) Chlorobenzene	11.520	112	341188	56.00	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	123099	55.57	ug/l	99
67) Ethyl Benzene	11.593	91	643628	56.86	ug/l	99
68) m/p-Xylenes	11.703	106	481177	113.13	ug/l	100
69) o-Xylene	12.032	106	225559	56.75	ug/l	100
70) Styrene	12.044	104	383813	57.59	ug/l	99
71) Bromoform	12.209	173	70217	52.33	ug/l #	99
73) Isopropylbenzene	12.331	105	622314	58.90	ug/l	100
74) N-amyl acetate	12.148	43	201649	53.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	114493	54.30	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	82524m	55.47	ug/l	
77) Bromobenzene	12.611	156	133548	55.98	ug/l	98
78) n-propylbenzene	12.672	91	758683	58.84	ug/l	100
79) 2-Chlorotoluene	12.757	91	408870	57.79	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	512310	58.38	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	46316	53.98	ug/l #	76
82) 4-Chlorotoluene	12.855	91	426008	57.98	ug/l	100
83) tert-Butylbenzene	13.074	119	444260	59.30	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	511172	58.20	ug/l	99
85) sec-Butylbenzene	13.257	105	650290	59.71	ug/l	99
86) p-Isopropyltoluene	13.373	119	556797	58.97	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	259852	55.53	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	256715	55.67	ug/l	99
89) n-Butylbenzene	13.696	91	546066	59.16	ug/l	100
90) Hexachloroethane	13.965	117	78663	59.16	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	229682	55.64	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18714	47.50	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	144691	54.41	ug/l	99
94) Hexachlorobutadiene	15.111	225	80027	55.56	ug/l	98
95) Naphthalene	15.239	128	303509	52.74	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	124529	52.91	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
Data File : VY004817.D
Acq On : 18 May 2021 10:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

5/19/2021 3:59:04 PM

Quant Time: May 19 01:00:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

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

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

