

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000869.D
 Acq On : 04 Dec 2019 18:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/5/2019 2:58:38 PM

Quant Time: Dec 05 08:27:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	284652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	517079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	474116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	154433	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.73	113	148571	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.18	98	600734	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.48	95	212786	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	126805	41.383	ug/l	93
3) Chloromethane	2.11	50	172558	45.685	ug/l	97
4) Vinyl Chloride	2.25	62	170376	45.769	ug/l	100
5) Bromomethane	2.65	94	107602	47.777	ug/l	93
6) Chloroethane	2.80	64	106819	46.802	ug/l	96
7) Trichlorofluoromethane	3.13	101	233180	45.707	ug/l	96
8) Diethyl Ether	3.54	74	96626	50.323	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	144613	45.902	ug/l	99
10) Methyl Iodide	4.10	142	185148	46.677	ug/l	100
11) Tert butyl alcohol	4.97	59	73544	241.679	ug/l	99
12) 1,1-Dichloroethene	3.88	96	145678	46.676	ug/l	97
13) Acrolein	3.74	56	74255	247.714	ug/l	98
14) Allyl chloride	4.49	41	264337	49.395	ug/l	99
15) Acrylonitrile	5.18	53	251858	254.018	ug/l	98
16) Acetone	3.96	43	172365	248.416	ug/l	96
17) Carbon Disulfide	4.20	76	455999	45.174	ug/l	100
18) Methyl Acetate	4.49	43	142187	49.009	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	428895	51.456	ug/l	100
20) Methylene Chloride	4.72	84	178303	48.751	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	168578	47.521	ug/l	96
22) Diisopropyl ether	6.13	45	569382	51.766	ug/l	98
23) Vinyl Acetate	6.07	43	1748986	261.561	ug/l	100
24) 1,1-Dichloroethane	6.03	63	300067	49.498	ug/l	97
25) 2-Butanone	7.00	43	318434	248.440	ug/l	99
26) 2,2-Dichloropropane	6.99	77	239123	46.866	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	191857	50.033	ug/l	99
28) Bromochloromethane	7.35	49	130918	58.541	ug/l	95
29) Tetrahydrofuran	7.36	42	221976	261.349	ug/l	97
30) Chloroform	7.52	83	288339	47.413	ug/l	98
31) Cyclohexane	7.80	56	293103	45.640	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	240492	47.890	ug/l	100
36) 1,1-Dichloropropene	7.92	75	230618	44.856	ug/l	100
37) Ethyl Acetate	7.08	43	140700	47.395	ug/l	98
38) Carbon Tetrachloride	7.91	117	209055	45.658	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000869.D
 Acq On : 04 Dec 2019 18:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/5/2019 2:58:38 PM

Quant Time: Dec 05 08:27:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	303297	44.526	ug/l	99
40) Benzene	8.17	78	713794	47.663	ug/l	100
41) Methacrylonitrile	7.33	41	79510m	50.816	ug/l	
42) 1,2-Dichloroethane	8.25	62	196437	49.877	ug/l	99
43) Isopropyl Acetate	8.28	43	267919	47.891	ug/l	99
44) Trichloroethene	8.94	130	180767	46.968	ug/l	96
45) 1,2-Dichloropropane	9.22	63	184647	49.087	ug/l	97
46) Dibromomethane	9.31	93	97763	49.741	ug/l	99
47) Bromodichloromethane	9.50	83	227101	49.187	ug/l	98
48) Methyl methacrylate	9.30	41	117742	47.862	ug/l	94
49) 1,4-Dioxane	9.30	88	27861	1000.442	ug/l #	95
51) 4-Methyl-2-Pentanone	10.07	43	721384	249.572	ug/l	98
52) Toluene	10.25	92	445497	48.046	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	250871	50.574	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	290238	49.501	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	141746	48.814	ug/l	98
56) Ethyl methacrylate	10.51	69	209156	50.351	ug/l	98
57) 1,3-Dichloropropane	10.79	76	254684	50.323	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	386894	230.990	ug/l	100
59) 2-Hexanone	10.83	43	490179	232.728	ug/l	100
60) Dibromochloromethane	10.99	129	157124	50.264	ug/l	100
61) 1,2-Dibromoethane	11.09	107	136855	50.008	ug/l	98
64) Tetrachloroethene	10.72	164	191769	46.555	ug/l	95
65) Chlorobenzene	11.52	112	459260	46.601	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	160830	48.425	ug/l	99
67) Ethyl Benzene	11.59	91	858718	46.786	ug/l	98
68) m/p-Xylenes	11.70	106	640671	92.997	ug/l	99
69) o-Xylene	12.03	106	307073	47.805	ug/l	98
70) Styrene	12.04	104	534398	48.587	ug/l	99
71) Bromoform	12.20	173	92346	49.299	ug/l #	99
73) Isopropylbenzene	12.33	105	815739	46.779	ug/l	100
74) N-amyl acetate	12.14	43	236158	48.656	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	167355	48.707	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	122359m	49.311	ug/l	
77) Bromobenzene	12.61	156	181187	47.934	ug/l	98
78) n-propylbenzene	12.67	91	998749	46.907	ug/l	100
79) 2-Chlorotoluene	12.75	91	551343	46.872	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	681741	47.218	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	61462	48.655	ug/l	98
82) 4-Chlorotoluene	12.85	91	572188	47.215	ug/l	100
83) tert-Butylbenzene	13.08	119	568707	46.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	675968	46.796	ug/l	99
85) sec-Butylbenzene	13.25	105	829369	46.979	ug/l	99
86) p-Isopropyltoluene	13.37	119	723434	47.113	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	353153	47.626	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	349676	47.626	ug/l	100
89) n-Butylbenzene	13.69	91	729073	46.961	ug/l	99
90) Hexachloroethane	13.96	117	136695	48.326	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	325760	48.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27988	48.655	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
Data File : VY000869.D
Acq On : 04 Dec 2019 18:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
12/5/2019 2:58:38 PM

Quant Time: Dec 05 08:27:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	216358	47.938	ug/l	99
94) Hexachlorobutadiene	15.11	225	102168	45.658	ug/l	98
95) Naphthalene	15.23	128	513617	49.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	193278	47.943	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
Data File : VY000869.D
Acq On : 04 Dec 2019 18:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
Client Sample Id :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
12/5/2019 2:58:38 PM

Quant Time: Dec 05 08:27:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

