

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000716.D
 Acq On : 15 Nov 2019 20:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:24:05 PM

Quant Time: Nov 16 03:33:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	199944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	345646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	320781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160413	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	125344	60.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.16%	
35) Dibromofluoromethane	7.72	113	106511	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.18	98	428732	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
62) 4-Bromofluorobenzene	12.48	95	157692	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	102543	52.099	ug/l	97
3) Chloromethane	2.11	50	136292	50.267	ug/l	97
4) Vinyl Chloride	2.25	62	129429	51.405	ug/l	97
5) Bromomethane	2.64	94	102330	67.775	ug/l	95
6) Chloroethane	2.79	64	85705	54.388	ug/l	98
7) Trichlorofluoromethane	3.13	101	188650	55.481	ug/l	98
8) Diethyl Ether	3.53	74	66683	55.192	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	113832	55.374	ug/l	94
10) Methyl Iodide	4.09	142	105275	39.616	ug/l	99
11) Tert butyl alcohol	4.97	59	57341	284.684	ug/l	98
12) 1,1-Dichloroethene	3.87	96	110411	55.282	ug/l	96
13) Acrolein	3.73	56	37673	214.725	ug/l	97
14) Allyl chloride	4.48	41	193129	59.468	ug/l	99
15) Acrylonitrile	5.17	53	186407	301.179	ug/l	99
16) Acetone	3.95	43	134412	235.693	ug/l	96
17) Carbon Disulfide	4.19	76	330488	52.465	ug/l	98
18) Methyl Acetate	4.48	43	107895	60.847	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	325032	58.532	ug/l	95
20) Methylene Chloride	4.72	84	130364	53.349	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	125738	55.688	ug/l	94
22) Diisopropyl ether	6.13	45	430388	60.972	ug/l	97
23) Vinyl Acetate	6.07	43	1352748	303.587	ug/l	99
24) 1,1-Dichloroethane	6.03	63	220605	57.689	ug/l	98
25) 2-Butanone	7.00	43	248120	272.618	ug/l	97
26) 2,2-Dichloropropane	6.99	77	183613	52.541	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	143905	58.286	ug/l	98
28) Bromochloromethane	7.34	49	99840	56.654	ug/l	93
29) Tetrahydrofuran	7.36	42	170152	305.596	ug/l	99
30) Chloroform	7.52	83	233453	60.348	ug/l	95
31) Cyclohexane	7.79	56	206135	51.466	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	194543	56.428	ug/l	98
36) 1,1-Dichloropropene	7.93	75	175353	53.665	ug/l	99
37) Ethyl Acetate	7.08	43	109380	56.383	ug/l	99
38) Carbon Tetrachloride	7.91	117	171094	54.417	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000716.D
 Acq On : 15 Nov 2019 20:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:24:05 PM

Quant Time: Nov 16 03:33:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	221708	52.519	ug/l	94
40) Benzene	8.17	78	529981	55.323	ug/l	99
41) Methacrylonitrile	7.33	41	64470m	59.571	ug/l	
42) 1,2-Dichloroethane	8.25	62	162012	59.627	ug/l	99
43) Isopropyl Acetate	8.28	43	213325	58.538	ug/l	97
44) Trichloroethene	8.94	130	138645	54.891	ug/l	90
45) 1,2-Dichloropropane	9.22	63	133431	56.592	ug/l	95
46) Dibromomethane	9.31	93	74370	57.354	ug/l	99
47) Bromodichloromethane	9.50	83	180829	58.773	ug/l	99
48) Methyl methacrylate	9.30	41	96372	60.525	ug/l	96
49) 1,4-Dioxane	9.30	88	21868	1253.085	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	580630	299.672	ug/l	99
52) Toluene	10.24	92	336285	55.523	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	192908	58.679	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	214845	57.046	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	107752	57.453	ug/l	94
56) Ethyl methacrylate	10.51	69	159754	60.099	ug/l	98
57) 1,3-Dichloropropane	10.79	76	192410	58.617	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	319441	265.815	ug/l	100
59) 2-Hexanone	10.83	43	394459	279.423	ug/l	99
60) Dibromochloromethane	10.99	129	124776	58.083	ug/l	99
61) 1,2-Dibromoethane	11.09	107	104387	57.887	ug/l	97
64) Tetrachloroethene	10.72	164	136877	51.604	ug/l	97
65) Chlorobenzene	11.52	112	354263	54.470	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	126528	56.095	ug/l	99
67) Ethyl Benzene	11.59	91	663925	55.467	ug/l	100
68) m/p-Xylenes	11.70	106	502451	108.456	ug/l	96
69) o-Xylene	12.03	106	239722	55.058	ug/l	98
70) Styrene	12.04	104	420675	56.424	ug/l	100
71) Bromoform	12.20	173	75180	57.949	ug/l #	97
73) Isopropylbenzene	12.33	105	654156	55.176	ug/l	98
74) N-amyl acetate	12.14	43	195601	57.607	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	135593	57.762	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	90705m	49.660	ug/l	
77) Bromobenzene	12.61	156	146051	54.324	ug/l	97
78) n-propylbenzene	12.67	91	782772	54.720	ug/l	100
79) 2-Chlorotoluene	12.75	91	446384	56.209	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	545394	55.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	45775	56.191	ug/l	97
82) 4-Chlorotoluene	12.85	91	460580	55.950	ug/l	100
83) tert-Butylbenzene	13.07	119	454816	53.947	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	555828	56.537	ug/l	98
85) sec-Butylbenzene	13.25	105	674212	56.130	ug/l	99
86) p-Isopropyltoluene	13.36	119	592292	55.327	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	285788	54.270	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	286066	54.363	ug/l	99
89) n-Butylbenzene	13.69	91	581967	55.118	ug/l	99
90) Hexachloroethane	13.95	117	110941	56.057	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	267321	55.950	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	23150	55.723	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000716.D
Acq On : 15 Nov 2019 20:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
11/18/2019 3:24:05 PM

Quant Time: Nov 16 03:33:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	171741	52.791	ug/l	98
94) Hexachlorobutadiene	15.11	225	86616	51.650	ug/l	99
95) Naphthalene	15.23	128	386351	53.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	156344	53.567	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000716.D
 Acq On : 15 Nov 2019 20:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 Client Sample Id :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:24:05 PM

Quant Time: Nov 16 03:33:48 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

