

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012034.D
 Acq On : 20 Aug 2019 16:27
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:29:53 AM

Quant Time: Aug 21 01:51:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	406425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	142112	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
35) Dibromofluoromethane	7.88	113	119159	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
50) Toluene-d8	10.32	98	485828	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.62	95	174082	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	76942	53.719	ug/l	97
3) Chloromethane	2.21	50	125644	50.588	ug/l	100
4) Vinyl Chloride	2.36	62	159582	53.369	ug/l	99
5) Bromomethane	2.78	94	83366	50.369	ug/l	100
6) Chloroethane	2.92	64	92849	54.360	ug/l	98
7) Trichlorofluoromethane	3.26	101	82022	61.378	ug/l	96
8) Diethyl Ether	3.68	74	79267	52.316	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	142675	56.282	ug/l	99
10) Methyl Iodide	4.27	142	196330	54.804	ug/l	99
11) Tert butyl alcohol	5.16	59	53667	246.139	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	147198	54.995	ug/l	98
13) Acrolein	3.89	56	50457	238.285	ug/l	99
14) Allyl chloride	4.67	41	309232	54.320	ug/l	100
15) Acrylonitrile	5.36	53	200255	264.765	ug/l	99
16) Acetone	4.12	43	222059	236.550	ug/l	100
17) Carbon Disulfide	4.38	76	423159	50.513	ug/l	100
18) Methyl Acetate	4.67	43	106508	50.505	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	230014	54.154	ug/l	95
20) Methylene Chloride	4.92	84	158027	48.811	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	152824	52.960	ug/l	96
22) Diisopropyl ether	6.31	45	567052	52.832	ug/l	98
23) Vinyl Acetate	6.25	43	1805559	267.721	ug/l	100
24) 1,1-Dichloroethane	6.21	63	308683	53.700	ug/l	99
25) 2-Butanone	7.16	43	300457	244.598	ug/l	98
26) 2,2-Dichloropropane	7.16	77	175416	49.621	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	165212	52.020	ug/l	99
28) Bromochloromethane	7.51	49	138558	54.306	ug/l #	99
29) Tetrahydrofuran	7.52	42	184806	263.201	ug/l	99
30) Chloroform	7.68	83	279262	52.659	ug/l	97
31) Cyclohexane	7.95	56	283335	51.349	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	223023	55.221	ug/l	99
36) 1,1-Dichloropropene	8.08	75	235601	55.749	ug/l	99
37) Ethyl Acetate	7.25	43	127193	52.313	ug/l	98
38) Carbon Tetrachloride	8.07	117	202809	56.058	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012034.D
 Acq On : 20 Aug 2019 16:27
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:29:53 AM

Quant Time: Aug 21 01:51:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	266954	57.367	ug/l	98
40) Benzene	8.32	78	636046	53.731	ug/l	100
41) Methacrylonitrile	7.48	41	79298	54.560	ug/l	98
42) 1,2-Dichloroethane	8.40	62	193911	52.321	ug/l	98
43) Isopropyl Acetate	8.42	43	243815	54.527	ug/l	100
44) Trichloroethene	9.09	130	157936	55.511	ug/l	97
45) 1,2-Dichloropropane	9.37	63	171783	54.236	ug/l	100
46) Dibromomethane	9.46	93	77002	53.266	ug/l	98
47) Bromodichloromethane	9.65	83	207358	54.682	ug/l	99
48) Methyl methacrylate	9.43	41	118583	55.208	ug/l	97
49) 1,4-Dioxane	9.45	88	23396	1117.731	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	633925	272.558	ug/l	100
52) Toluene	10.39	92	392514	54.908	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	215765	54.469	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	259097	55.011	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	109562	53.416	ug/l	99
56) Ethyl methacrylate	10.65	69	169615	56.511	ug/l	99
57) 1,3-Dichloropropane	10.93	76	209917	54.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	427172	313.457	ug/l	100
59) 2-Hexanone	10.97	43	454310	276.648	ug/l	99
60) Dibromochloromethane	11.13	129	125649	55.187	ug/l	99
61) 1,2-Dibromoethane	11.24	107	104364	53.767	ug/l	100
64) Tetrachloroethene	10.86	164	128117	56.549	ug/l	100
65) Chlorobenzene	11.66	112	390098	55.763	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	136555	56.040	ug/l	99
67) Ethyl Benzene	11.73	91	770125	57.802	ug/l	100
68) m/p-Xylenes	11.84	106	550247	113.562	ug/l	100
69) o-Xylene	12.16	106	257144	57.110	ug/l	100
70) Styrene	12.18	104	447088	57.429	ug/l	100
71) Bromoform	12.35	173	70817	57.000	ug/l #	98
73) Isopropylbenzene	12.46	105	725439	57.052	ug/l	100
74) N-amyl acetate	12.27	43	232806	58.481	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	132393	55.354	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	90734m	50.310	ug/l	
77) Bromobenzene	12.75	156	157547	56.057	ug/l	99
78) n-propylbenzene	12.80	91	889721	57.495	ug/l	100
79) 2-Chlorotoluene	12.89	91	497966	55.857	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	607100	56.958	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	44830	57.288	ug/l	99
82) 4-Chlorotoluene	12.99	91	524622	56.087	ug/l	100
83) tert-Butylbenzene	13.21	119	524168	58.807	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	610564	56.865	ug/l	100
85) sec-Butylbenzene	13.38	105	748560	58.858	ug/l	100
86) p-Isopropyltoluene	13.50	119	674772	58.476	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	307537	55.806	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	302210	55.128	ug/l	100
89) n-Butylbenzene	13.82	91	680436	59.088	ug/l	100
90) Hexachloroethane	14.09	117	117357	57.514	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	274819	56.385	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22041	54.041	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
Data File : VW012034.D
Acq On : 20 Aug 2019 16:27
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/21/2019 8:29:53 AM

Quant Time: Aug 21 01:51:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	198290	57.725	ug/l	99
94) Hexachlorobutadiene	15.24	225	128183	59.838	ug/l	98
95) Naphthalene	15.37	128	361389	53.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	172346	57.238	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082019\
Data File : VW012034.D
Acq On : 20 Aug 2019 16:27
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/21/2019 8:29:53 AM

Quant Time: Aug 21 01:51:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

