

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060719\
 Data File : VW010723.D
 Acq On : 07 Jun 2019 10:58
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 12:24:34 PM

Quant Time: Jun 08 04:09:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	420864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138955	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
35) Dibromofluoromethane	7.88	113	113018	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	10.32	98	477528	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.62	95	172036	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	113994	47.739	ug/l	97
3) Chloromethane	2.21	50	171350	48.774	ug/l	100
4) Vinyl Chloride	2.36	62	159324	49.086	ug/l	97
5) Bromomethane	2.76	94	86413	48.480	ug/l	95
6) Chloroethane	2.91	64	97068	49.821	ug/l	99
7) Trichlorofluoromethane	3.25	101	220197	52.261	ug/l	98
8) Diethyl Ether	3.68	74	70710	46.960	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135706	52.387	ug/l	100
10) Methyl Iodide	4.27	142	129971	48.830	ug/l	98
11) Tert butyl alcohol	5.17	59	57070	230.009	ug/l	99
12) 1,1-Dichloroethene	4.03	96	129331	51.756	ug/l	100
13) Acrolein	3.89	56	29679	292.720	ug/l	99
14) Allyl chloride	4.67	41	293195	53.213	ug/l	99
15) Acrylonitrile	5.37	53	161060	220.174	ug/l	100
16) Acetone	4.12	43	206726	253.318	ug/l	97
17) Carbon Disulfide	4.37	76	410865	51.795	ug/l	99
18) Methyl Acetate	4.67	43	74231	42.256	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	331735	46.029	ug/l	99
20) Methylene Chloride	4.91	84	151247	52.831	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	145361	51.242	ug/l	97
22) Diisopropyl ether	6.31	45	556529	50.452	ug/l	99
23) Vinyl Acetate	6.25	43	1611919	242.137	ug/l	100
24) 1,1-Dichloroethane	6.21	63	286794	51.880	ug/l	98
25) 2-Butanone	7.17	43	263126	232.526	ug/l	99
26) 2,2-Dichloropropane	7.17	77	253844	56.431	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	158727	50.844	ug/l	98
28) Bromochloromethane	7.51	49	121681	49.323	ug/l	98
29) Tetrahydrofuran	7.52	42	149640	210.237	ug/l	99
30) Chloroform	7.67	83	261043	51.627	ug/l	98
31) Cyclohexane	7.95	56	304672	49.580	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	235448	53.307	ug/l	100
36) 1,1-Dichloropropene	8.08	75	225788	52.411	ug/l	100
37) Ethyl Acetate	7.25	43	107047	44.841	ug/l	99
38) Carbon Tetrachloride	8.07	117	201882	54.285	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060719\
 Data File : VW010723.D
 Acq On : 07 Jun 2019 10:58
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 12:24:34 PM

Quant Time: Jun 08 04:09:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	285140	52.066	ug/l	99
40) Benzene	8.32	78	598928	50.962	ug/l	98
41) Methacrylonitrile	7.48	41	64527	45.474	ug/l	99
42) 1,2-Dichloroethane	8.40	62	182897	49.034	ug/l	99
43) Isopropyl Acetate	8.42	43	206306	44.732	ug/l	99
44) Trichloroethene	9.09	130	149896	51.705	ug/l	99
45) 1,2-Dichloropropane	9.37	63	157476	50.618	ug/l	98
46) Dibromomethane	9.46	93	68475	47.387	ug/l	99
47) Bromodichloromethane	9.65	83	191539	51.136	ug/l	98
48) Methyl methacrylate	9.43	41	107141	48.182	ug/l	95
49) 1,4-Dioxane	9.45	88	19930	882.173	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	519282	220.394	ug/l	99
52) Toluene	10.39	92	372556	51.522	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	200676	50.581	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	241934	51.823	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97855	47.008	ug/l	99
56) Ethyl methacrylate	10.65	69	148059	46.223	ug/l	98
57) 1,3-Dichloropropane	10.93	76	185806	47.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	384874	229.401	ug/l	100
59) 2-Hexanone	10.97	43	389436	228.697	ug/l	99
60) Dibromochloromethane	11.13	129	114048	49.423	ug/l	99
61) 1,2-Dibromoethane	11.24	107	92442	46.870	ug/l	100
64) Tetrachloroethene	10.86	164	123118	50.101	ug/l	99
65) Chlorobenzene	11.66	112	369488	50.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	130693	51.873	ug/l	100
67) Ethyl Benzene	11.73	91	732854	52.393	ug/l	98
68) m/p-Xylenes	11.84	106	521825	104.215	ug/l	99
69) o-Xylene	12.16	106	246862	51.983	ug/l	99
70) Styrene	12.18	104	425697	51.602	ug/l	99
71) Bromoform	12.35	173	61081	46.876	ug/l #	98
73) Isopropylbenzene	12.47	105	693725	53.564	ug/l	99
74) N-amyl acetate	12.27	43	198224	47.358	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	113234	45.926	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84877m	46.897	ug/l	
77) Bromobenzene	12.75	156	145420	51.439	ug/l	99
78) n-propylbenzene	12.80	91	842373	53.941	ug/l	100
79) 2-Chlorotoluene	12.90	91	473647	53.088	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	568171	53.597	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37935	48.173	ug/l	99
82) 4-Chlorotoluene	12.99	91	493732	53.625	ug/l	99
83) tert-Butylbenzene	13.21	119	475548	52.858	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	564551	52.923	ug/l	100
85) sec-Butylbenzene	13.38	105	701470	53.552	ug/l	100
86) p-Isopropyltoluene	13.50	119	629497	53.740	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	283729	52.043	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	276290	51.119	ug/l	99
89) n-Butylbenzene	13.83	91	642687	54.990	ug/l	100
90) Hexachloroethane	14.10	117	117369	55.950	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	249237	50.835	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19907	47.018	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060719\
Data File : VW010723.D
Acq On : 07 Jun 2019 10:58
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/10/2019 12:24:34 PM

Quant Time: Jun 08 04:09:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	183786	53.418	ug/l	100
94) Hexachlorobutadiene	15.24	225	116507	53.955	ug/l	99
95) Naphthalene	15.37	128	306757	49.073	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	153766	52.552	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060719\
Data File : VW010723.D
Acq On : 07 Jun 2019 10:58
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/10/2019 12:24:34 PM

Quant Time: Jun 08 04:09:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

