

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012635.D
 Acq On : 05 Sep 2019 12:40
 Operator : SY/VA
 Sample : VW0905SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 12:29:21 PM

Quant Time: Sep 05 16:48:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168396	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	139572	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.88	113	112716	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	10.32	98	450500	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.62	95	216603	68.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25200	17.243	ug/l	99
3) Chloromethane	2.21	50	39180	17.304	ug/l	98
4) Vinyl Chloride	2.36	62	46292	16.704	ug/l	95
5) Bromomethane	2.73	94	24564m	17.502	ug/l	
6) Chloroethane	2.90	64	26758	17.116	ug/l	98
7) Trichlorofluoromethane	3.24	101	28839	20.724	ug/l	91
8) Diethyl Ether	3.68	74	22516	17.047	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44353	18.751	ug/l	94
10) Methyl Iodide	4.27	142	58326	18.225	ug/l	98
11) Tert butyl alcohol	5.17	59	17472	102.900	ug/l	99
12) 1,1-Dichloroethene	4.03	96	42133	17.698	ug/l	98
13) Acrolein	3.89	56	9430	58.999	ug/l	96
14) Allyl chloride	4.67	41	88746	17.437	ug/l	97
15) Acrylonitrile	5.36	53	63966	97.705	ug/l	98
16) Acetone	4.12	43	64868	89.941	ug/l	99
17) Carbon Disulfide	4.38	76	100145	13.919	ug/l	98
18) Methyl Acetate	4.67	43	34395	19.254	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	82201	21.351	ug/l	96
20) Methylene Chloride	4.91	84	51942	19.050	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	46912	18.376	ug/l	95
22) Diisopropyl ether	6.31	45	194897	20.659	ug/l	95
23) Vinyl Acetate	6.25	43	571488	98.433	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106059	20.647	ug/l	99
25) 2-Butanone	7.17	43	98020	100.013	ug/l	99
26) 2,2-Dichloropropane	7.16	77	65953	22.684	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	56660	20.773	ug/l	98
28) Bromochloromethane	7.51	49	44822	20.020	ug/l	97
29) Tetrahydrofuran	7.52	42	59883	101.842	ug/l	99
30) Chloroform	7.68	83	103266	21.974	ug/l	99
31) Cyclohexane	7.95	56	93920	18.481	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	86074	23.152	ug/l	96
36) 1,1-Dichloropropene	8.08	75	81106	21.257	ug/l	99
37) Ethyl Acetate	7.25	43	40797	19.512	ug/l	96
38) Carbon Tetrachloride	8.06	117	75969	23.004	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012635.D
 Acq On : 05 Sep 2019 12:40
 Operator : SY/VA
 Sample : VW0905SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 12:29:21 PM

Quant Time: Sep 05 16:48:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89619	20.907	ug/l	98
40) Benzene	8.32	78	216079	20.740	ug/l	95
41) Methacrylonitrile	7.48	41	26116	21.252	ug/l	96
42) 1,2-Dichloroethane	8.40	62	73430	22.488	ug/l	98
43) Isopropyl Acetate	8.42	43	81972	21.165	ug/l	99
44) Trichloroethene	9.09	130	55468	21.900	ug/l	95
45) 1,2-Dichloropropane	9.37	63	58041	20.699	ug/l	98
46) Dibromomethane	9.46	93	27444	21.998	ug/l	96
47) Bromodichloromethane	9.64	83	73829	22.235	ug/l	98
48) Methyl methacrylate	9.43	41	40204	21.810	ug/l	97
49) 1,4-Dioxane	9.45	88	8265	432.746	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	210634	106.926	ug/l	99
52) Toluene	10.38	92	134397	21.473	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	73336	21.683	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	85354	20.901	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39994	22.658	ug/l	98
56) Ethyl methacrylate	10.65	69	58159	22.638	ug/l	97
57) 1,3-Dichloropropane	10.93	76	72663	21.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	143206	108.614	ug/l	98
59) 2-Hexanone	10.97	43	151514	108.703	ug/l	99
60) Dibromochloromethane	11.13	129	44505	22.636	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37191	22.616	ug/l	91
64) Tetrachloroethene	10.87	164	45883	22.413	ug/l	95
65) Chlorobenzene	11.66	112	137543	22.121	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	50254	23.168	ug/l	98
67) Ethyl Benzene	11.73	91	272851	22.781	ug/l	97
68) m/p-Xylenes	11.84	106	192434	44.603	ug/l	99
69) o-Xylene	12.16	106	91044	22.800	ug/l	98
70) Styrene	12.18	104	160496	23.221	ug/l	99
71) Bromoform	12.35	173	26024	24.081	ug/l #	96
73) Isopropylbenzene	12.46	105	261102	20.693	ug/l	98
74) N-amyl acetate	12.27	43	79434	20.836	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	67944	29.371	ug/l	75
76) 1,2,3-Trichloropropane	12.77	75	38110m	23.237	ug/l	
77) Bromobenzene	12.75	156	55828	20.451	ug/l	90
78) n-propylbenzene	12.80	91	315815	20.502	ug/l	99
79) 2-Chlorotoluene	12.89	91	180247	20.610	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	223855	21.231	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13667	18.271	ug/l	94
82) 4-Chlorotoluene	12.99	91	187154	20.438	ug/l	100
83) tert-Butylbenzene	13.21	119	193696	21.687	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	218840	20.662	ug/l	99
85) sec-Butylbenzene	13.38	105	276344	21.596	ug/l	97
86) p-Isopropyltoluene	13.50	119	250333	21.906	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	110800	20.751	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	113935m	21.491	ug/l	
89) n-Butylbenzene	13.82	91	251585	22.139	ug/l	99
90) Hexachloroethane	14.09	117	37119	18.514	ug/l	81
91) 1,2-Dichlorobenzene	13.87	146	98219	20.969	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7882	20.211	ug/l #	60

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
Data File : VW012635.D
Acq On : 05 Sep 2019 12:40
Operator : SY/VA
Sample : VW0905SBS02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS02

Manual Integrations
APPROVED

MMDadoda
9/6/2019 12:29:21 PM

Quant Time: Sep 05 16:48:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	73420	22.682	ug/l	99
94) Hexachlorobutadiene	15.24	225	51728	24.202	ug/l	99
95) Naphthalene	15.36	128	132541	23.384	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	63091	22.340	ug/l	94

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

