

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004809.D
 Acq On : 21 Aug 2018 00:45
 Operator : SY/AP
 Sample : VW0820SBS02
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Manual Integrations
 APPROVED

apatel
 8/21/2018 12:47:35 PM

Quant Time: Aug 21 02:03:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	622301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	961189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	909727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	487694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	321517	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
35) Dibromofluoromethane	7.88	113	324612	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
50) Toluene-d8	10.33	98	1301994	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.62	95	467435	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72682	17.63	ug/l	93
3) Chloromethane	2.21	50	104162	19.33	ug/l	98
4) Vinyl Chloride	2.37	62	171659	21.64	ug/l	98
5) Bromomethane	2.78	94	107981	22.04	ug/l	98
6) Chloroethane	2.93	64	103080	21.53	ug/l	98
7) Trichlorofluoromethane	3.25	101	85105	22.77	ug/l	94
8) Diethyl Ether	3.68	74	74057	21.92	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	136375	21.19	ug/l	100
10) Methyl Iodide	4.26	142	212861	21.78	ug/l	99
11) Tert butyl alcohol	5.23	59	34899	103.83	ug/l	96
12) 1,1-Dichloroethene	4.04	96	132832	20.71	ug/l	96
13) Acrolein	3.90	56	49912	110.66	ug/l	99
14) Allyl chloride	4.67	41	200303	20.58	ug/l	99
15) Acrylonitrile	5.37	53	152231	107.43	ug/l	99
16) Acetone	4.14	43	146889	95.64	ug/l	98
17) Carbon Disulfide	4.37	76	436988	20.73	ug/l	99
18) Methyl Acetate	4.68	43	72885	22.15	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	183513	22.04	ug/l	94
20) Methylene Chloride	4.91	84	167433	21.41	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	144514	21.18	ug/l	97
22) Diisopropyl ether	6.32	45	426655	22.81	ug/l	97
23) Vinyl Acetate	6.26	43	1122957	106.13	ug/l	100
24) 1,1-Dichloroethane	6.21	63	258989	21.31	ug/l	99
25) 2-Butanone	7.18	43	225298	102.96	ug/l	100
26) 2,2-Dichloropropane	7.17	77	147040	20.94	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	156462	21.30	ug/l	99
28) Bromochloromethane	7.51	49	108208	21.14	ug/l	100
29) Tetrahydrofuran	7.54	42	119296	106.91	ug/l	98
30) Chloroform	7.68	83	254087	21.25	ug/l	97
31) Cyclohexane	7.96	56	241565	20.55	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	203865	21.51	ug/l	99
36) 1,1-Dichloropropene	8.09	75	202783	20.48	ug/l	100
37) Ethyl Acetate	7.26	43	83696	21.20	ug/l	99
38) Carbon Tetrachloride	8.07	117	186941	20.51	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004809.D
 Acq On : 21 Aug 2018 00:45
 Operator : SY/AP
 Sample : VW0820SBS02
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Manual Integrations
 APPROVED

apatel
 8/21/2018 12:47:35 PM

Quant Time: Aug 21 02:03:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	245104	19.79	ug/l	99
40) Benzene	8.33	78	604671	21.01	ug/l	100
41) Methacrylonitrile	7.49	41	50236	22.43	ug/l	99
42) 1,2-Dichloroethane	8.40	62	154565	20.95	ug/l	99
43) Isopropyl Acetate	8.43	43	144947	20.44	ug/l	98
44) Trichloroethene	9.10	130	149017	20.40	ug/l	100
45) 1,2-Dichloropropane	9.37	63	146971	20.88	ug/l	98
46) Dibromomethane	9.46	93	72355	20.75	ug/l	98
47) Bromodichloromethane	9.65	83	173224	20.80	ug/l	99
48) Methyl methacrylate	9.44	41	70599	21.22	ug/l	97
49) 1,4-Dioxane	9.48	88	22988	451.20	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	505716	105.54	ug/l	100
52) Toluene	10.39	92	371851	21.55	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	172717	20.58	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	207970	20.79	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	107036	21.59	ug/l	100
56) Ethyl methacrylate	10.65	69	121476	20.62	ug/l	97
57) 1,3-Dichloropropane	10.94	76	184438	21.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	294660	107.64	ug/l	99
59) 2-Hexanone	10.98	43	339538	104.58	ug/l	99
60) Dibromochloromethane	11.13	129	116848	21.01	ug/l	98
61) 1,2-Dibromoethane	11.24	107	99576	21.02	ug/l	100
64) Tetrachloroethene	10.87	164	131463	21.14	ug/l	99
65) Chlorobenzene	11.66	112	409424	20.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	137146	20.74	ug/l	97
67) Ethyl Benzene	11.74	91	691715	20.84	ug/l	99
68) m/p-Xylenes	11.85	106	544122	42.13	ug/l	98
69) o-Xylene	12.17	106	251717	21.05	ug/l	99
70) Styrene	12.19	104	427293	21.28	ug/l	100
71) Bromoform	12.35	173	72660	20.82	ug/l #	99
73) Isopropylbenzene	12.47	105	685925	20.67	ug/l	100
74) N-amyl acetate	12.28	43	139890	20.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	130003	21.15	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84397m	19.63	ug/l	
77) Bromobenzene	12.76	156	167004	20.80	ug/l	99
78) n-propylbenzene	12.81	91	857580	21.18	ug/l	99
79) 2-Chlorotoluene	12.90	91	494069	21.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	605256	21.47	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35225	19.04	ug/l	97
82) 4-Chlorotoluene	12.99	91	523606	21.12	ug/l	100
83) tert-Butylbenzene	13.21	119	499362	20.71	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	624420	21.53	ug/l	99
85) sec-Butylbenzene	13.39	105	750730	20.86	ug/l	100
86) p-Isopropyltoluene	13.51	119	660996	21.10	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	341006	20.88	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	340362	20.84	ug/l	99
89) n-Butylbenzene	13.83	91	614113	20.28	ug/l	100
90) Hexachloroethane	14.10	117	115283	20.19	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	303051	20.65	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19963	20.78	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
Data File : VW004809.D
Acq On : 21 Aug 2018 00:45
Operator : SY/AP
Sample : VW0820SBS02
Misc : 5.05G/5ML/MSVOA W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

Manual Integrations
APPROVED

apatel
8/21/2018 12:47:35 PM

Quant Time: Aug 21 02:03:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	211462	20.38	ug/l	99
94) Hexachlorobutadiene	15.24	225	129996	20.41	ug/l	99
95) Naphthalene	15.38	128	358769	20.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	190814	20.74	ug/l	99

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

