

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004156.D
 Acq On : 24 Jul 2018 01:09
 Operator : SY/AP
 Sample : VW0723SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBSD02

Manual Integrations
 APPROVED

apatel
 7/24/2018 11:50:12 AM

Quant Time: Jul 24 06:44:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153234	56.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.98%	
35) Dibromofluoromethane	7.88	113	132962	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	10.32	98	520466	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.62	95	185022	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	23847	17.50	ug/l	95
3) Chloromethane	2.20	50	40309	22.47	ug/l	100
4) Vinyl Chloride	2.36	62	51598	20.91	ug/l	99
5) Bromomethane	2.76	94	31155	20.20	ug/l	90
6) Chloroethane	2.92	64	27634	19.71	ug/l	94
7) Trichlorofluoromethane	3.24	101	20800	20.08	ug/l	100
8) Diethyl Ether	3.67	74	28386	23.61	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.04	101	49740	20.81	ug/l	99
10) Methyl Iodide	4.26	142	74356	21.66	ug/l	99
11) Tert butyl alcohol	5.20	59	22146	118.26	ug/l	100
12) 1,1-Dichloroethene	4.03	96	49517	21.00	ug/l	97
13) Acrolein	3.89	56	19025	98.88	ug/l	100
14) Allyl chloride	4.65	41	86539	22.23	ug/l	98
15) Acrylonitrile	5.37	53	75893	123.18	ug/l	100
16) Acetone	4.12	43	63256	97.04	ug/l	96
17) Carbon Disulfide	4.37	76	158942	21.59	ug/l	99
18) Methyl Acetate	4.67	43	40025	25.58	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	103844	22.97	ug/l	99
20) Methylene Chloride	4.90	84	67368	18.45	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	57806	22.36	ug/l	99
22) Diisopropyl ether	6.31	45	190639	24.23	ug/l	99
23) Vinyl Acetate	6.26	43	565867	113.51	ug/l	99
24) 1,1-Dichloroethane	6.21	63	111275	23.18	ug/l	100
25) 2-Butanone	7.18	43	102209	116.52	ug/l	100
26) 2,2-Dichloropropane	7.17	77	52255	18.96	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	62330	22.30	ug/l	99
28) Bromochloromethane	7.51	49	47324	24.09	ug/l	# 97
29) Tetrahydrofuran	7.53	42	67502	123.54	ug/l	99
30) Chloroform	7.68	83	112560	23.57	ug/l	98
31) Cyclohexane	7.95	56	94476	20.99	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	82574	22.14	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84808	20.90	ug/l	99
37) Ethyl Acetate	7.26	43	47221	24.13	ug/l	99
38) Carbon Tetrachloride	8.07	117	77180	20.36	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004156.D
 Acq On : 24 Jul 2018 01:09
 Operator : SY/AP
 Sample : VW0723SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0723SBS02

Manual Integrations
 APPROVED

apatel
 7/24/2018 11:50:12 AM

Quant Time: Jul 24 06:44:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	91019	19.15	ug/l	92
40) Benzene	8.32	78	249774	22.19	ug/l	97
41) Methacrylonitrile	7.49	41	26489	24.43	ug/l	89
42) 1,2-Dichloroethane	8.40	62	79282	23.09	ug/l	100
43) Isopropyl Acetate	8.43	43	84176	23.00	ug/l	99
44) Trichloroethene	9.09	130	61648	21.13	ug/l	99
45) 1,2-Dichloropropane	9.37	63	66013	22.98	ug/l	96
46) Dibromomethane	9.46	93	33986	22.80	ug/l	98
47) Bromodichloromethane	9.65	83	81686	22.23	ug/l	98
48) Methyl methacrylate	9.44	41	43519	24.58	ug/l	92
49) 1,4-Dioxane	9.46	88	11263	491.47	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	231492	118.71	ug/l	99
52) Toluene	10.39	92	153509	22.05	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	79846	20.78	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	91165	20.74	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	48085	22.93	ug/l	98
56) Ethyl methacrylate	10.65	69	59879	21.73	ug/l	97
57) 1,3-Dichloropropane	10.93	76	84318	23.15	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	151490	121.79	ug/l	99
59) 2-Hexanone	10.98	43	155769	113.33	ug/l	99
60) Dibromochloromethane	11.13	129	54061	22.14	ug/l	100
61) 1,2-Dibromoethane	11.24	107	46945	23.53	ug/l	100
64) Tetrachloroethene	10.87	164	61183	23.95	ug/l	97
65) Chlorobenzene	11.66	112	169384	21.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	58638	21.31	ug/l	99
67) Ethyl Benzene	11.74	91	285055	20.49	ug/l	100
68) m/p-Xylenes	11.85	106	222700	41.89	ug/l	99
69) o-Xylene	12.17	106	101572	20.60	ug/l	99
70) Styrene	12.19	104	176329	21.41	ug/l	99
71) Bromoform	12.35	173	33098	21.30	ug/l	# 98
73) Isopropylbenzene	12.47	105	276011	19.96	ug/l	99
74) N-amyl acetate	12.28	43	78082	21.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	59975	22.42	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	48978m	25.21	ug/l	
77) Bromobenzene	12.75	156	68425	20.68	ug/l	97
78) n-propylbenzene	12.81	91	347823	20.50	ug/l	99
79) 2-Chlorotoluene	12.90	91	197943	20.68	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	239980	20.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16261	18.51	ug/l	97
82) 4-Chlorotoluene	12.99	91	215667	21.00	ug/l	99
83) tert-Butylbenzene	13.21	119	191461	19.59	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	249841	20.86	ug/l	100
85) sec-Butylbenzene	13.39	105	289094	19.94	ug/l	100
86) p-Isopropyltoluene	13.51	119	254367	20.00	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	137973	20.87	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	138823	20.94	ug/l	99
89) n-Butylbenzene	13.83	91	242213	19.37	ug/l	99
90) Hexachloroethane	14.10	117	46861	19.99	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	125679	21.34	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10425	21.92	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
Data File : VW004156.D
Acq On : 24 Jul 2018 01:09
Operator : SY/AP
Sample : VW0723SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD02

Manual Integrations
APPROVED

apatel
7/24/2018 11:50:12 AM

Quant Time: Jul 24 06:44:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	83255	20.13	ug/l	100
94) Hexachlorobutadiene	15.24	225	47464	19.98	ug/l	98
95) Naphthalene	15.38	128	159054	20.83	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	77168	21.07	ug/l	98

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

