

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003480.D
 Acq On : 24 Jun 2018 01:29
 Operator : SY/AP
 Sample : VW0623SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:09:57 AM

Quant Time: Jun 25 04:32:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	408871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	200028	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139822	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
35) Dibromofluoromethane	7.89	113	123560	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	10.33	98	496875	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.63	95	176278	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21547	27.67	ug/l	92
3) Chloromethane	2.21	50	40072	20.37	ug/l	98
4) Vinyl Chloride	2.36	62	55120	19.22	ug/l	99
5) Bromomethane	2.78	94	35540	18.64	ug/l	100
6) Chloroethane	2.92	64	38157	19.11	ug/l	95
7) Trichlorofluoromethane	3.25	101	33952	19.76	ug/l	95
8) Diethyl Ether	3.68	74	26164	20.73	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48382	20.28	ug/l	96
10) Methyl Iodide	4.26	142	74833	20.74	ug/l	99
11) Tert butyl alcohol	5.24	59	15521m	103.73	ug/l	
12) 1,1-Dichloroethene	4.03	96	47551	20.39	ug/l	97
13) Acrolein	3.90	56	15901	74.33	ug/l	96
14) Allyl chloride	4.66	41	83325	20.63	ug/l	99
15) Acrylonitrile	5.37	53	57147	110.04	ug/l	98
16) Acetone	4.14	43	57566	98.38	ug/l	97
17) Carbon Disulfide	4.37	76	139141	20.19	ug/l	99
18) Methyl Acetate	4.68	43	29922	21.56	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	92695	21.23	ug/l	99
20) Methylene Chloride	4.91	84	57681	21.08	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	51932	20.47	ug/l	94
22) Diisopropyl ether	6.32	45	173634	21.36	ug/l	97
23) Vinyl Acetate	6.26	43	476672	101.76	ug/l	99
24) 1,1-Dichloroethane	6.21	63	102189	21.18	ug/l	99
25) 2-Butanone	7.18	43	77833	106.97	ug/l	94
26) 2,2-Dichloropropane	7.17	77	60939	18.92	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	58917	21.14	ug/l	99
28) Bromochloromethane	7.51	49	39457	19.65	ug/l	95
29) Tetrahydrofuran	7.54	42	47745	107.37	ug/l	99
30) Chloroform	7.68	83	103244	21.00	ug/l	99
31) Cyclohexane	7.96	56	88786	19.69	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	83915	20.68	ug/l	98
36) 1,1-Dichloropropene	8.09	75	79113	20.04	ug/l	100
37) Ethyl Acetate	7.26	43	34671	21.19	ug/l	99
38) Carbon Tetrachloride	8.07	117	77097	19.91	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003480.D
 Acq On : 24 Jun 2018 01:29
 Operator : SY/AP
 Sample : VW0623SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD02

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:09:57 AM

Quant Time: Jun 25 04:32:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87206	19.09	ug/l	97
40) Benzene	8.32	78	223360	20.52	ug/l	99
41) Methacrylonitrile	7.49	41	20887	20.81	ug/l	99
42) 1,2-Dichloroethane	8.40	62	71522	20.97	ug/l	98
43) Isopropyl Acetate	8.43	43	66887	20.59	ug/l	99
44) Trichloroethene	9.10	130	57825	20.05	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57601	20.79	ug/l	95
46) Dibromomethane	9.46	93	28782	20.29	ug/l	98
47) Bromodichloromethane	9.65	83	74380	20.45	ug/l	99
48) Methyl methacrylate	9.44	41	31748	20.80	ug/l	98
49) 1,4-Dioxane	9.49	88	9875	460.96	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	170988	103.31	ug/l	100
52) Toluene	10.39	92	144331	20.68	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73475	19.78	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	84332	19.94	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	41320	20.67	ug/l	99
56) Ethyl methacrylate	10.65	69	48696	20.06	ug/l	96
57) 1,3-Dichloropropane	10.94	76	71891	20.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	117004	107.51	ug/l	98
59) 2-Hexanone	10.98	43	118153	102.19	ug/l	99
60) Dibromochloromethane	11.13	129	47453	19.96	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39541	20.91	ug/l	98
64) Tetrachloroethene	10.87	164	53933	21.38	ug/l	98
65) Chlorobenzene	11.66	112	158126	20.13	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	55239	20.01	ug/l	100
67) Ethyl Benzene	11.74	91	278118	19.98	ug/l	100
68) m/p-Xylenes	11.85	106	212446	40.14	ug/l	99
69) o-Xylene	12.17	106	99136	20.21	ug/l	99
70) Styrene	12.19	104	165917	20.32	ug/l	99
71) Bromoform	12.35	173	27689	19.36	ug/l #	100
73) Isopropylbenzene	12.47	105	276293	19.86	ug/l	99
74) N-amyl acetate	12.28	43	63821	20.15	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47669	20.25	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	34364m	20.10	ug/l	
77) Bromobenzene	12.76	156	64752	19.98	ug/l	97
78) n-propylbenzene	12.81	91	342708	20.12	ug/l	100
79) 2-Chlorotoluene	12.90	91	195391	20.30	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	236646	20.26	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13502	18.17	ug/l	97
82) 4-Chlorotoluene	13.00	91	206523	20.22	ug/l	99
83) tert-Butylbenzene	13.21	119	200598	20.16	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	242626	20.20	ug/l	100
85) sec-Butylbenzene	13.39	105	296118	20.02	ug/l	99
86) p-Isopropyltoluene	13.51	119	258589	19.82	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	131008	19.68	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	131519	19.88	ug/l	99
89) n-Butylbenzene	13.83	91	247866	19.49	ug/l	99
90) Hexachloroethane	14.10	117	47165	19.98	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	118300	20.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8101	20.45	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003480.D
Acq On : 24 Jun 2018 01:29
Operator : SY/AP
Sample : VW0623SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD02

Manual Integrations
APPROVED

apatel
6/26/2018 11:09:57 AM

Quant Time: Jun 25 04:32:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	81229	19.85	ug/l	98
94) Hexachlorobutadiene	15.25	225	47844	19.43	ug/l	99
95) Naphthalene	15.38	128	139876	20.15	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71581	19.87	ug/l	99

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

