

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005013.D
 Acq On : 30 Aug 2018 13:01
 Operator : SY/AP
 Sample : VW0830SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS01

Manual Integrations
 APPROVED

apatel
 8/31/2018 11:39:17 AM

Quant Time: Aug 30 14:37:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	531193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	774314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	807354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	440853	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	191896	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
35) Dibromofluoromethane	7.89	113	186643	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.33	98	1083154	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.62	95	395935	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	100514	21.90	ug/l	100
3) Chloromethane	2.22	50	163358	25.07	ug/l	100
4) Vinyl Chloride	2.36	62	142640	21.93	ug/l	98
5) Bromomethane	2.78	94	88323	20.77	ug/l	92
6) Chloroethane	2.92	64	81058	21.07	ug/l	97
7) Trichlorofluoromethane	3.26	101	130478	19.40	ug/l	99
8) Diethyl Ether	3.69	74	41840	21.88	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	80120	19.30	ug/l	99
10) Methyl Iodide	4.28	142	85889	15.40	ug/l	99
11) Tert butyl alcohol	5.21	59	23780	90.32	ug/l #	90
12) 1,1-Dichloroethene	4.04	96	79062	20.38	ug/l	99
13) Acrolein	3.90	56	21418	69.13	ug/l	96
14) Allyl chloride	4.68	41	123586	20.69	ug/l	98
15) Acrylonitrile	5.39	53	99612	102.13	ug/l	99
16) Acetone	4.15	43	82009	100.08	ug/l	95
17) Carbon Disulfide	4.39	76	329590	20.22	ug/l	99
18) Methyl Acetate	4.69	43	49569	24.97	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	187596	22.51	ug/l	96
20) Methylene Chloride	4.92	84	154051	24.18	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	89222	21.18	ug/l	99
22) Diisopropyl ether	6.32	45	270681	22.20	ug/l	98
23) Vinyl Acetate	6.27	43	636881	102.17	ug/l	100
24) 1,1-Dichloroethane	6.23	63	158127	21.43	ug/l	99
25) 2-Butanone	7.18	43	137083	107.28	ug/l	94
26) 2,2-Dichloropropane	7.18	77	110391	17.05	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	98689	21.54	ug/l	99
28) Bromochloromethane	7.52	49	68685	21.17	ug/l	98
29) Tetrahydrofuran	7.54	42	72913	112.96	ug/l	96
30) Chloroform	7.68	83	155316	21.40	ug/l	99
31) Cyclohexane	7.96	56	162571	20.79	ug/l #	96
32) 1,1,1-Trichloroethane	7.88	97	139032	20.82	ug/l	99
36) 1,1-Dichloropropene	8.09	75	130893	19.95	ug/l	98
37) Ethyl Acetate	7.27	43	51028	21.58	ug/l	98
38) Carbon Tetrachloride	8.07	117	122181	19.24	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005013.D
 Acq On : 30 Aug 2018 13:01
 Operator : SY/AP
 Sample : VW0830SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBSD01

Manual Integrations
 APPROVED

apatel
 8/31/2018 11:39:17 AM

Quant Time: Aug 30 14:37:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170106	18.81	ug/l	99
40) Benzene	8.33	78	420272	20.01	ug/l	99
41) Methacrylonitrile	7.49	41	28495	20.68	ug/l	98
42) 1,2-Dichloroethane	8.41	62	94972	20.32	ug/l	100
43) Isopropyl Acetate	8.43	43	93816	19.94	ug/l	99
44) Trichloroethene	9.10	130	105565	19.68	ug/l	100
45) 1,2-Dichloropropane	9.38	63	99204	20.65	ug/l	99
46) Dibromomethane	9.46	93	46417	20.41	ug/l	96
47) Bromodichloromethane	9.65	83	116223	20.68	ug/l	98
48) Methyl methacrylate	9.45	41	49483	19.55	ug/l	93
49) 1,4-Dioxane	9.48	88	18406	390.02	ug/l #	96
51) 4-Methyl-2-Pentanone	10.22	43	354214	100.51	ug/l	99
52) Toluene	10.40	92	322304	20.69	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	112715	18.78	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	135635	19.38	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	74059	19.90	ug/l	98
56) Ethyl methacrylate	10.65	69	99041	20.29	ug/l	98
57) 1,3-Dichloropropane	10.94	76	123459	20.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	211227	100.42	ug/l	98
59) 2-Hexanone	10.98	43	249447	97.76	ug/l	98
60) Dibromochloromethane	11.13	129	79747	19.52	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68569	19.65	ug/l	100
64) Tetrachloroethene	10.87	164	130486	22.17	ug/l	97
65) Chlorobenzene	11.66	112	354349	19.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	93894	19.27	ug/l	99
67) Ethyl Benzene	11.74	91	620729	20.44	ug/l	100
68) m/p-Xylenes	11.85	106	507729	40.99	ug/l	100
69) o-Xylene	12.17	106	236237	20.87	ug/l	100
70) Styrene	12.19	104	385999	20.56	ug/l	100
71) Bromoform	12.35	173	49594	18.31	ug/l #	99
73) Isopropylbenzene	12.47	105	615952	20.96	ug/l	100
74) N-amyl acetate	12.28	43	113042	20.38	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	89075	20.02	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	75992m	24.34	ug/l	
77) Bromobenzene	12.75	156	148195	20.55	ug/l	100
78) n-propylbenzene	12.81	91	762832	21.04	ug/l	99
79) 2-Chlorotoluene	12.90	91	445214	21.26	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	545665	21.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	22209	16.08	ug/l	89
82) 4-Chlorotoluene	12.99	91	465864	20.88	ug/l	99
83) tert-Butylbenzene	13.21	119	450444	20.65	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	548665	20.83	ug/l	99
85) sec-Butylbenzene	13.39	105	660785	20.64	ug/l	99
86) p-Isopropyltoluene	13.51	119	583032	20.33	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	307445	20.11	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	302852	20.00	ug/l	99
89) n-Butylbenzene	13.83	91	536564	19.93	ug/l	99
90) Hexachloroethane	14.10	117	85889	19.05	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	275124	20.45	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14642	19.05	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
Data File : VW005013.D
Acq On : 30 Aug 2018 13:01
Operator : SY/AP
Sample : VW0830SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD01

Manual Integrations
APPROVED

apatel
8/31/2018 11:39:17 AM

Quant Time: Aug 30 14:37:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 30 01:51:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	183086	19.42	ug/l	100
94) Hexachlorobutadiene	15.24	225	109648	18.58	ug/l	98
95) Naphthalene	15.38	128	307422	20.23	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	161792	19.43	ug/l	100

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

