

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005896.D
 Acq On : 08 Oct 2018 15:34
 Operator : SY/AP
 Sample : VW1008SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:23:57 PM

Quant Time: Oct 09 07:02:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	321312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	463307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	228025	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147308	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	7.88	113	150774	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.32	98	591067	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.62	95	217510	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	30347	19.27	ug/l	100
3) Chloromethane	2.21	50	34892	18.84	ug/l	100
4) Vinyl Chloride	2.37	62	57476	19.55	ug/l	99
5) Bromomethane	2.78	94	47336	20.40	ug/l	98
6) Chloroethane	2.92	64	37438	19.98	ug/l	96
7) Trichlorofluoromethane	3.25	101	45130	19.34	ug/l	98
8) Diethyl Ether	3.67	74	27018	18.81	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54949	18.66	ug/l	98
10) Methyl Iodide	4.26	142	88358	18.34	ug/l	99
11) Tert butyl alcohol	5.23	59	18051	78.96	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	52038	18.40	ug/l	95
13) Acrolein	3.89	56	18237	89.52	ug/l	99
14) Allyl chloride	4.66	41	85242	17.67	ug/l	99
15) Acrylonitrile	5.37	53	53329	85.31	ug/l	99
16) Acetone	4.14	43	57513	92.31	ug/l	100
17) Carbon Disulfide	4.37	76	147118	17.20	ug/l	99
18) Methyl Acetate	4.68	43	24647	15.68	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	81042	18.42	ug/l	96
20) Methylene Chloride	4.90	84	58329	18.69	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	57638	18.70	ug/l	97
22) Diisopropyl ether	6.31	45	165471	18.35	ug/l	98
23) Vinyl Acetate	6.25	43	490181	88.32	ug/l	99
24) 1,1-Dichloroethane	6.21	63	101545	18.40	ug/l	99
25) 2-Butanone	7.18	43	76034	85.80	ug/l	100
26) 2,2-Dichloropropane	7.17	77	73552	18.94	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	64540	18.51	ug/l	99
28) Bromochloromethane	7.51	49	39055	19.17	ug/l	100
29) Tetrahydrofuran	7.54	42	45077	80.47	ug/l	98
30) Chloroform	7.67	83	106585	18.80	ug/l	99
31) Cyclohexane	7.95	56	98297	18.00	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	95416	18.90	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82762	18.64	ug/l	99
37) Ethyl Acetate	7.26	43	32858	17.48	ug/l	98
38) Carbon Tetrachloride	8.07	117	91362	19.16	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005896.D
 Acq On : 08 Oct 2018 15:34
 Operator : SY/AP
 Sample : VW1008SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1008SBS01

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:23:57 PM

Quant Time: Oct 09 07:02:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	110928	18.94	ug/l	99
40) Benzene	8.32	78	230404	18.96	ug/l	99
41) Methacrylonitrile	7.49	41	21395	18.18	ug/l	99
42) 1,2-Dichloroethane	8.40	62	66749	18.18	ug/l	98
43) Isopropyl Acetate	8.43	43	68729	17.50	ug/l	99
44) Trichloroethene	9.09	130	69143	19.61	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57227	18.82	ug/l	97
46) Dibromomethane	9.46	93	31107	18.61	ug/l	98
47) Bromodichloromethane	9.65	83	78314	18.62	ug/l	98
48) Methyl methacrylate	9.44	41	31747	16.97	ug/l	97
49) 1,4-Dioxane	9.48	88	9169	361.12	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	165898	86.75	ug/l	100
52) Toluene	10.39	92	151647	19.00	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	79128	18.00	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	91301	18.48	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42411	18.32	ug/l	98
56) Ethyl methacrylate	10.65	69	54837	17.57	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70714	18.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	121716	95.86	ug/l	100
59) 2-Hexanone	10.97	43	121605	88.69	ug/l	99
60) Dibromochloromethane	11.13	129	55349	18.53	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41191	17.80	ug/l	98
64) Tetrachloroethene	10.87	164	58980	18.73	ug/l	99
65) Chlorobenzene	11.66	112	172425	19.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	63944	19.27	ug/l	99
67) Ethyl Benzene	11.73	91	308772	19.31	ug/l	99
68) m/p-Xylenes	11.84	106	239753	38.37	ug/l	100
69) o-Xylene	12.17	106	113074	18.90	ug/l	100
70) Styrene	12.18	104	188677	19.01	ug/l	99
71) Bromoform	12.35	173	35423	17.92	ug/l #	99
73) Isopropylbenzene	12.47	105	322133	19.34	ug/l	100
74) N-amyl acetate	12.27	43	68871	17.41	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	48709	17.85	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	37662m	18.49	ug/l	
77) Bromobenzene	12.75	156	76601	19.42	ug/l	97
78) n-propylbenzene	12.81	91	378260	19.31	ug/l	100
79) 2-Chlorotoluene	12.90	91	210434	19.03	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	272191	19.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16233	16.82	ug/l	100
82) 4-Chlorotoluene	12.99	91	220536	18.95	ug/l	99
83) tert-Butylbenzene	13.21	119	242231	19.37	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	276104	19.47	ug/l	100
85) sec-Butylbenzene	13.39	105	345683	19.69	ug/l	100
86) p-Isopropyltoluene	13.51	119	309470	19.61	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	153226	19.55	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	151910	19.50	ug/l	100
89) n-Butylbenzene	13.83	91	289368	19.45	ug/l	100
90) Hexachloroethane	14.10	117	55609	18.73	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	135186	19.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8579	16.87	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
Data File : VW005896.D
Acq On : 08 Oct 2018 15:34
Operator : SY/AP
Sample : VW1008SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Manual Integrations
APPROVED

apatel
10/9/2018 4:23:57 PM

Quant Time: Oct 09 07:02:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	103082	19.10	ug/l	99
94) Hexachlorobutadiene	15.24	225	65677	19.50	ug/l	99
95) Naphthalene	15.38	128	171254	18.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	89019	19.05	ug/l	100

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

