

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006807.D
 Acq On : 12 Nov 2018 14:07
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 11/13/2018 11:53:44 AM

Quant Time: Nov 12 14:35:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	342076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	455008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	448604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	255370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	223571	89.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.36%	
35) Dibromofluoromethane	7.89	113	247778	95.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.34%	
50) Toluene-d8	10.33	98	1032392	94.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.44%	
62) 4-Bromofluorobenzene	12.62	95	390054	98.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	259950	93.465	ug/l	99
3) Chloromethane	2.21	50	302269	90.529	ug/l	100
4) Vinyl Chloride	2.36	62	324561	92.461	ug/l	100
5) Bromomethane	2.78	94	201824	85.290	ug/l	100
6) Chloroethane	2.92	64	206975	90.098	ug/l	100
7) Trichlorofluoromethane	3.26	101	429824	97.454	ug/l	99
8) Diethyl Ether	3.69	74	129769	101.138	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	275391	93.971	ug/l	100
10) Methyl Iodide	4.28	142	439918	108.051	ug/l	99
11) Tert butyl alcohol	5.22	59	88360	535.496	ug/l	99
12) 1,1-Dichloroethene	4.04	96	254549	104.167	ug/l	97
13) Acrolein	3.90	56	81591	474.778	ug/l	98
14) Allyl chloride	4.68	41	342691	104.030	ug/l	100
15) Acrylonitrile	5.38	53	264155	514.339	ug/l	99
16) Acetone	4.15	43	182643	503.288	ug/l	99
17) Carbon Disulfide	4.39	76	827150	102.612	ug/l	100
18) Methyl Acetate	4.68	43	122740	96.381	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	626929	104.745	ug/l	99
20) Methylene Chloride	4.92	84	303065	86.385	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	293163	100.296	ug/l	98
22) Diisopropyl ether	6.32	45	716294	103.180	ug/l	99
23) Vinyl Acetate	6.26	43	2072886	523.541	ug/l	99
24) 1,1-Dichloroethane	6.22	63	459249	101.125	ug/l	99
25) 2-Butanone	7.18	43	302642	505.089	ug/l	100
26) 2,2-Dichloropropane	7.17	77	419873	97.039	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	322044	102.825	ug/l	99
28) Bromochloromethane	7.52	49	160470	94.340	ug/l	100
29) Tetrahydrofuran	7.54	42	200166	509.688	ug/l	99
30) Chloroform	7.68	83	494617	98.294	ug/l	99
31) Cyclohexane	7.96	56	424072	90.669	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	458441	95.994	ug/l	99
36) 1,1-Dichloropropene	8.09	75	400703	97.050	ug/l	99
37) Ethyl Acetate	7.26	43	139734	95.299	ug/l	99
38) Carbon Tetrachloride	8.07	117	423540	96.011	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006807.D
 Acq On : 12 Nov 2018 14:07
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 11/13/2018 11:53:44 AM

Quant Time: Nov 12 14:35:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	543898	103.464	ug/l	99
40) Benzene	8.33	78	1161751	99.645	ug/l	99
41) Methacrylonitrile	7.49	41	89354	105.040	ug/l	97
42) 1,2-Dichloroethane	8.40	62	300120	94.569	ug/l	100
43) Isopropyl Acetate	8.43	43	287635	104.642	ug/l	98
44) Trichloroethene	9.10	130	354322	98.843	ug/l	100
45) 1,2-Dichloropropane	9.37	63	267292	97.616	ug/l	98
46) Dibromomethane	9.46	93	149612	97.320	ug/l	99
47) Bromodichloromethane	9.65	83	366173	98.159	ug/l	100
48) Methyl methacrylate	9.44	41	135760	104.869	ug/l	98
49) 1,4-Dioxane	9.48	88	46874	2036.639	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	718564	508.817	ug/l	100
52) Toluene	10.39	92	832637	101.579	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	392977	108.640	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	449379	104.782	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	228358	100.832	ug/l	98
56) Ethyl methacrylate	10.65	69	274335	109.696	ug/l	99
57) 1,3-Dichloropropane	10.93	76	364098	100.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	652215	523.674	ug/l	99
59) 2-Hexanone	10.98	43	507689	530.460	ug/l	99
60) Dibromochloromethane	11.13	129	292712	107.525	ug/l	99
61) 1,2-Dibromoethane	11.24	107	222441	102.088	ug/l	99
64) Tetrachloroethene	10.87	164	340307	99.340	ug/l	99
65) Chlorobenzene	11.66	112	961367	100.679	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	322834	105.538	ug/l	100
67) Ethyl Benzene	11.74	91	1670914	104.018	ug/l	98
68) m/p-Xylenes	11.84	106	1359161	207.435	ug/l	100
69) o-Xylene	12.17	106	643847	106.735	ug/l	100
70) Styrene	12.18	104	1055612	107.663	ug/l	99
71) Bromoform	12.35	173	187554	110.687	ug/l	99
73) Isopropylbenzene	12.47	105	1752458	106.658	ug/l	99
74) N-amyl acetate	12.28	43	287720	107.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	249451	101.906	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	187663m	100.770	ug/l	
77) Bromobenzene	12.75	156	437657	103.016	ug/l	99
78) n-propylbenzene	12.81	91	2050896	105.051	ug/l	100
79) 2-Chlorotoluene	12.90	91	1141994	103.836	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1493227	104.890	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	80928	115.542	ug/l	95
82) 4-Chlorotoluene	12.99	91	1208987	102.855	ug/l	99
83) tert-Butylbenzene	13.21	119	1323210	107.568	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1523436	104.447	ug/l	100
85) sec-Butylbenzene	13.39	105	1869810	106.205	ug/l	100
86) p-Isopropyltoluene	13.51	119	1709005	106.421	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	872255	101.058	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	856897	99.680	ug/l	99
89) n-Butylbenzene	13.83	91	1552852	104.769	ug/l	100
90) Hexachloroethane	14.10	117	278939	110.718	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	764066	101.191	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39760	100.591	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006807.D
Acq On : 12 Nov 2018 14:07
Operator : SY/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:44 AM

Quant Time: Nov 12 14:35:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	589146	105.400	ug/l	99
94) Hexachlorobutadiene	15.24	225	357438	101.609	ug/l	100
95) Naphthalene	15.38	128	958061	112.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	505625	104.571	ug/l	100

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

