

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006936.D
 Acq On : 17 Nov 2018 01:51
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111718

Manual Integrations
 APPROVED

apatel
 11/19/2018 3:29:38 PM

Quant Time: Nov 17 05:33:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	186466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	179348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	87050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	61056	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	7.88	113	56014	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	10.33	98	249297	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.62	95	97389	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	46651	42.62	ug/l	99
3) Chloromethane	2.21	50	44350	45.01	ug/l	96
4) Vinyl Chloride	2.36	62	41231	44.14	ug/l	100
5) Bromomethane	2.77	94	23469	46.77	ug/l	96
6) Chloroethane	2.92	64	23841	46.34	ug/l	98
7) Trichlorofluoromethane	3.26	101	77907	42.85	ug/l	98
8) Diethyl Ether	3.69	74	28944	43.99	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	48808	41.57	ug/l	99
10) Methyl Iodide	4.28	142	71326	49.17	ug/l	99
11) Tert butyl alcohol	5.20	59	20136m	207.72	ug/l	
12) 1,1-Dichloroethene	4.04	96	46347	44.00	ug/l	97
13) Acrolein	3.90	56	19717	224.32	ug/l	100
14) Allyl chloride	4.67	41	83598	45.11	ug/l	98
15) Acrylonitrile	5.37	53	58367	227.94	ug/l	97
16) Acetone	4.14	43	43022	220.74	ug/l	98
17) Carbon Disulfide	4.38	76	149121	44.75	ug/l	97
18) Methyl Acetate	4.68	43	29246	41.00	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	142259	46.07	ug/l	100
20) Methylene Chloride	4.92	84	64697	48.07	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	54850	43.65	ug/l	99
22) Diisopropyl ether	6.32	45	171677	45.39	ug/l	99
23) Vinyl Acetate	6.26	43	483049	230.62	ug/l	100
24) 1,1-Dichloroethane	6.23	63	100194	46.00	ug/l	99
25) 2-Butanone	7.18	43	71323	220.35	ug/l	99
26) 2,2-Dichloropropane	7.17	77	83425	43.90	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	63830	45.69	ug/l	99
28) Bromochloromethane	7.51	49	37731	47.17	ug/l	# 98
29) Tetrahydrofuran	7.54	42	45885	217.98	ug/l	99
30) Chloroform	7.68	83	105672	44.26	ug/l	98
31) Cyclohexane	7.96	56	91027	41.72	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	92709	45.10	ug/l	99
36) 1,1-Dichloropropene	8.09	75	82560	46.48	ug/l	98
37) Ethyl Acetate	7.26	43	32691	43.28	ug/l	98
38) Carbon Tetrachloride	8.07	117	79896	45.77	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006936.D
 Acq On : 17 Nov 2018 01:51
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 ICVW111718

Manual Integrations
 APPROVED

apatel
 11/19/2018 3:29:38 PM

Quant Time: Nov 17 05:33:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97710	44.32	ug/l	97
40) Benzene	8.32	78	237109	47.23	ug/l	99
41) Methacrylonitrile	7.49	41	20392	44.08	ug/l	97
42) 1,2-Dichloroethane	8.40	62	69269	46.09	ug/l	100
43) Isopropyl Acetate	8.43	43	66165	45.66	ug/l	99
44) Trichloroethene	9.09	130	63597	47.11	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60387	47.62	ug/l	98
46) Dibromomethane	9.46	93	29910	46.57	ug/l	99
47) Bromodichloromethane	9.65	83	80261	47.46	ug/l	98
48) Methyl methacrylate	9.44	41	33015	47.21	ug/l	97
49) 1,4-Dioxane	9.47	88	8814	905.66	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	163301	228.63	ug/l	98
52) Toluene	10.39	92	165963	49.41	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	78891	47.74	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	94386	47.72	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	43567	46.01	ug/l	97
56) Ethyl methacrylate	10.65	69	58401	49.60	ug/l	98
57) 1,3-Dichloropropane	10.93	76	75422	46.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	134877	233.03	ug/l	99
59) 2-Hexanone	10.97	43	113086	236.56	ug/l	99
60) Dibromochloromethane	11.13	129	52440	48.56	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41424	47.07	ug/l	99
64) Tetrachloroethene	10.87	164	56257	48.73	ug/l	95
65) Chlorobenzene	11.66	112	183503	48.46	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	56328	46.67	ug/l	98
67) Ethyl Benzene	11.74	91	328242	48.08	ug/l	98
68) m/p-Xylenes	11.84	106	253078	95.19	ug/l	99
69) o-Xylene	12.17	106	121608	48.19	ug/l	100
70) Styrene	12.18	104	199276	49.11	ug/l	100
71) Bromoform	12.35	173	26692	47.44	ug/l #	98
73) Isopropylbenzene	12.47	105	321425	46.62	ug/l	99
74) N-amyl acetate	12.27	43	66218	47.99	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47823	47.16	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	29650m	42.38	ug/l	
77) Bromobenzene	12.75	156	71324	48.81	ug/l	100
78) n-propylbenzene	12.81	91	379760	45.84	ug/l	100
79) 2-Chlorotoluene	12.90	91	228007	46.97	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	275191	46.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14476	47.11	ug/l	95
82) 4-Chlorotoluene	12.99	91	240075	46.90	ug/l	100
83) tert-Butylbenzene	13.21	119	229157	45.46	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	277020	46.45	ug/l	99
85) sec-Butylbenzene	13.39	105	318336	44.26	ug/l	100
86) p-Isopropyltoluene	13.51	119	278624	44.32	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	141862	47.48	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	141119	47.39	ug/l	100
89) n-Butylbenzene	13.83	91	258143	43.38	ug/l	100
90) Hexachloroethane	14.10	117	46758	45.62	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	127084	47.57	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8532	48.62	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
Data File : VW006936.D
Acq On : 17 Nov 2018 01:51
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW111718

Manual Integrations
APPROVED

apatel
11/19/2018 3:29:38 PM

Quant Time: Nov 17 05:33:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 17 04:45:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	74362	44.24	ug/l	99
94) Hexachlorobutadiene	15.24	225	36557	41.17	ug/l	98
95) Naphthalene	15.38	128	149314	46.10	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	63896	44.34	ug/l	99

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

