

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005004.D
 Acq On : 29 Aug 2018 15:19
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW082918

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:43:54 PM

Quant Time: Aug 30 01:55:18 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	7.95	168	577345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	819226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	802644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	441961	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	186402	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	7.89	113	193803	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	10.33	98	1117322	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.62	95	402382	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	225947	45.301	ug/l	98
3) Chloromethane	2.22	50	328581	46.386	ug/l	98
4) Vinyl Chloride	2.36	62	330803	46.785	ug/l	98
5) Bromomethane	2.78	94	214053	46.313	ug/l	99
6) Chloroethane	2.92	64	197285	47.184	ug/l	97
7) Trichlorofluoromethane	3.26	101	344356	47.102	ug/l	97
8) Diethyl Ether	3.69	74	101572	48.862	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	212137	47.012	ug/l	99
10) Methyl Iodide	4.28	142	303509	44.049	ug/l	99
11) Tert butyl alcohol	5.21	59	62471	218.312	ug/l	98
12) 1,1-Dichloroethene	4.04	96	202905	48.129	ug/l	98
13) Acrolein	3.91	56	74771	222.032	ug/l	100
14) Allyl chloride	4.67	41	324369	49.966	ug/l	99
15) Acrylonitrile	5.38	53	257048	242.477	ug/l	100
16) Acetone	4.14	43	201076	225.774	ug/l	98
17) Carbon Disulfide	4.38	76	848895	47.905	ug/l	100
18) Methyl Acetate	4.68	43	100258	46.476	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	467459	51.598	ug/l	98
20) Methylene Chloride	4.92	84	304352	48.073	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	218236	47.675	ug/l	97
22) Diisopropyl ether	6.32	45	703133	53.058	ug/l	97
23) Vinyl Acetate	6.26	43	1792704	264.591	ug/l	100
24) 1,1-Dichloroethane	6.22	63	382487	47.703	ug/l	99
25) 2-Butanone	7.18	43	342198	246.393	ug/l	99
26) 2,2-Dichloropropane	7.17	77	347852	49.427	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	241532	48.503	ug/l	99
28) Bromochloromethane	7.51	49	168410	47.766	ug/l	100
29) Tetrahydrofuran	7.54	42	174477	248.689	ug/l	99
30) Chloroform	7.68	83	370666	47.000	ug/l	99
31) Cyclohexane	7.96	56	434021	51.073	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	355991	49.057	ug/l	99
36) 1,1-Dichloropropene	8.09	75	358185	51.601	ug/l	100
37) Ethyl Acetate	7.26	43	127125	50.810	ug/l	99
38) Carbon Tetrachloride	8.07	117	320705	47.741	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005004.D
 Acq On : 29 Aug 2018 15:19
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082918

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:43:54 PM

Quant Time: Aug 30 01:55:18 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	495628	51.796	ug/l	98
40) Benzene	8.33	78	1120426	50.427	ug/l	99
41) Methacrylonitrile	7.49	41	74049	50.787	ug/l	95
42) 1,2-Dichloroethane	8.40	62	227438	46.002	ug/l	99
43) Isopropyl Acetate	8.43	43	248758	49.967	ug/l	99
44) Trichloroethene	9.10	130	286199	50.430	ug/l	97
45) 1,2-Dichloropropane	9.37	63	255575	50.275	ug/l	99
46) Dibromomethane	9.46	93	112591	46.795	ug/l	98
47) Bromodichloromethane	9.65	83	285145	47.962	ug/l	100
48) Methyl methacrylate	9.44	41	142035	48.438	ug/l	98
49) 1,4-Dioxane	9.48	88	49112	983.614	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	946224	253.770	ug/l	99
52) Toluene	10.39	92	804942	48.831	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	328041	51.665	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	383701	51.824	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	189883	48.215	ug/l	98
56) Ethyl methacrylate	10.65	69	268362	51.951	ug/l	98
57) 1,3-Dichloropropane	10.94	76	324477	50.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	588675	264.516	ug/l	100
59) 2-Hexanone	10.98	43	704772	261.057	ug/l	100
60) Dibromochloromethane	11.13	129	217347	50.286	ug/l	99
61) 1,2-Dibromoethane	11.24	107	185223	50.167	ug/l	100
64) Tetrachloroethene	10.87	164	289858	49.531	ug/l	96
65) Chlorobenzene	11.66	112	875996	49.675	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	250447	51.708	ug/l	99
67) Ethyl Benzene	11.74	91	1561304	51.707	ug/l	99
68) m/p-Xylenes	11.84	106	1258800	102.210	ug/l	100
69) o-Xylene	12.17	106	586780	52.142	ug/l	100
70) Styrene	12.19	104	972156	52.076	ug/l	100
71) Bromoform	12.35	173	137138	50.922	ug/l #	100
73) Isopropylbenzene	12.47	105	1585767	53.824	ug/l	99
74) N-amyl acetate	12.28	43	301506	54.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	232283	52.072	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	188952m	60.364	ug/l	
77) Bromobenzene	12.75	156	370055	51.193	ug/l	100
78) n-propylbenzene	12.81	91	1934858	53.241	ug/l	99
79) 2-Chlorotoluene	12.90	91	1090852	51.971	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1370558	52.653	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	76137	54.971	ug/l	98
82) 4-Chlorotoluene	12.99	91	1161539	51.940	ug/l	99
83) tert-Butylbenzene	13.21	119	1171146	53.568	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1401189	53.053	ug/l	100
85) sec-Butylbenzene	13.39	105	1709846	53.278	ug/l	100
86) p-Isopropyltoluene	13.51	119	1545140	53.740	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	773580	50.481	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	760691	50.114	ug/l	99
89) n-Butylbenzene	13.83	91	1459786	54.084	ug/l	100
90) Hexachloroethane	14.10	117	235971	52.210	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	685413	50.810	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39591	51.388	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
Data File : VW005004.D
Acq On : 29 Aug 2018 15:19
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Manual Integrations
APPROVED

apatel
8/30/2018 12:43:54 PM

Quant Time: Aug 30 01:55:18 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	15.14	180	504066	53.338	ug/l	100
94) Hexachlorobutadiene	15.24	225	302311	51.104	ug/l	99
95) Naphthalene	15.38	128	871943	49.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	444636	53.258	ug/l	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
Data File : VW005004.D
Acq On : 29 Aug 2018 15:19
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Manual Integrations
APPROVED

apatel
8/30/2018 12:43:54 PM

Quant Time: Aug 30 01:55:18 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

