

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007377.D
 Acq On : 11 Dec 2018 02:15
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVWV121118

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:55:59 PM

Quant Time: Dec 11 03:12:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	143057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46967	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	7.88	113	44638	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.32	98	172987	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.62	95	59936	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25870	43.989	ug/l	99
3) Chloromethane	2.22	50	23366	47.439	ug/l	91
4) Vinyl Chloride	2.37	62	27584	47.722	ug/l	95
5) Bromomethane	2.78	94	19120	49.233	ug/l	99
6) Chloroethane	2.93	64	15671	49.252	ug/l	98
7) Trichlorofluoromethane	3.26	101	25184	48.462	ug/l	98
8) Diethyl Ether	3.68	74	18104	44.511	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	39642	46.232	ug/l	97
10) Methyl Iodide	4.26	142	68025	47.900	ug/l	99
11) Tert butyl alcohol	5.17	59	14673	228.823	ug/l	95
12) 1,1-Dichloroethene	4.04	96	38133	46.190	ug/l	97
13) Acrolein	3.89	56	8696	204.948	ug/l	100
14) Allyl chloride	4.66	41	58273	47.886	ug/l	98
15) Acrylonitrile	5.36	53	37817	220.559	ug/l	99
16) Acetone	4.12	43	35952	220.449	ug/l	99
17) Carbon Disulfide	4.38	76	119029	47.551	ug/l	99
18) Methyl Acetate	4.67	43	19337	43.686	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	58003	46.573	ug/l	99
20) Methylene Chloride	4.92	84	42231	47.128	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	43322	46.909	ug/l	97
22) Diisopropyl ether	6.31	45	110835	47.384	ug/l	94
23) Vinyl Acetate	6.26	43	305517	233.517	ug/l	100
24) 1,1-Dichloroethane	6.21	63	71440	45.189	ug/l	99
25) 2-Butanone	7.17	43	47308	222.198	ug/l	99
26) 2,2-Dichloropropane	7.17	77	49531	47.341	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	47662	47.133	ug/l	98
28) Bromochloromethane	7.51	49	29667	49.890	ug/l	99
29) Tetrahydrofuran	7.52	42	30479	226.130	ug/l	98
30) Chloroform	7.68	83	79902	46.444	ug/l	99
31) Cyclohexane	7.96	56	64216	44.273	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	72000	47.724	ug/l	100
36) 1,1-Dichloropropene	8.08	75	61212	46.905	ug/l	99
37) Ethyl Acetate	7.25	43	21645	44.594	ug/l	97
38) Carbon Tetrachloride	8.07	117	68087	47.950	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007377.D
 Acq On : 11 Dec 2018 02:15
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW121118

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:55:59 PM

Quant Time: Dec 11 03:12:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	74212	46.963	ug/l	94
40) Benzene	8.32	78	173025	47.775	ug/l	98
41) Methacrylonitrile	7.48	41	14394	52.076	ug/l	92
42) 1,2-Dichloroethane	8.40	62	52485	46.134	ug/l	99
43) Isopropyl Acetate	8.43	43	43778	45.660	ug/l	98
44) Trichloroethene	9.09	130	50225	48.564	ug/l	98
45) 1,2-Dichloropropane	9.37	63	40222	47.992	ug/l	96
46) Dibromomethane	9.46	93	22483	47.239	ug/l	95
47) Bromodichloromethane	9.64	83	58174	46.599	ug/l	95
48) Methyl methacrylate	9.44	41	21638	43.943	ug/l	97
49) 1,4-Dioxane	9.45	88	7257	939.728	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	102954	227.260	ug/l	99
52) Toluene	10.39	92	112352	47.937	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	55627	45.898	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	66144	47.210	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30366	46.879	ug/l	93
56) Ethyl methacrylate	10.65	69	37552	48.232	ug/l	97
57) 1,3-Dichloropropane	10.93	76	48724	45.828	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	89674	249.761	ug/l	99
59) 2-Hexanone	10.97	43	73011	241.698	ug/l	98
60) Dibromochloromethane	11.13	129	39495	48.314	ug/l	99
61) 1,2-Dibromoethane	11.24	107	28922	45.181	ug/l	100
64) Tetrachloroethene	10.87	164	41381	49.031	ug/l	92
65) Chlorobenzene	11.66	112	116169	47.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	42941	49.842	ug/l	98
67) Ethyl Benzene	11.73	91	204334	48.586	ug/l #	86
68) m/p-Xylenes	11.84	106	168512	103.067	ug/l	92
69) o-Xylene	12.17	106	77689	50.878	ug/l	98
70) Styrene	12.18	104	130390	52.867	ug/l	97
71) Bromoform	12.35	173	20998	47.617	ug/l #	97
73) Isopropylbenzene	12.47	105	213350	48.624	ug/l	97
74) N-amyl acetate	12.27	43	36011	45.158	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	31886	49.064	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	23638m	50.064	ug/l	
77) Bromobenzene	12.75	156	47942	49.293	ug/l	96
78) n-propylbenzene	12.80	91	254736	51.586	ug/l	97
79) 2-Chlorotoluene	12.90	91	140840	47.137	ug/l	91
80) 1,3,5-Trimethylbenzene	12.94	105	179969	48.814	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	10659	49.869	ug/l	85
82) 4-Chlorotoluene	12.99	91	152543	48.433	ug/l	98
83) tert-Butylbenzene	13.21	119	158862	48.902	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	191251	50.410	ug/l	97
85) sec-Butylbenzene	13.39	105	226309	51.031	ug/l	93
86) p-Isopropyltoluene	13.50	119	200766	50.392	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	89750	46.283	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	92499	47.447	ug/l	99
89) n-Butylbenzene	13.83	91	176892	47.894	ug/l	98
90) Hexachloroethane	14.10	117	33668	47.495	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	83940	48.329	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6048	46.374	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007377.D
Acq On : 11 Dec 2018 02:15
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVWV121118

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:59 PM

Quant Time: Dec 11 03:12:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57889	48.432	ug/l	96
94) Hexachlorobutadiene	15.24	225	31268	49.303	ug/l	98
95) Naphthalene	15.37	128	109055	47.693	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	51444	49.546	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007377.D
Acq On : 11 Dec 2018 02:15
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:59 PM

Quant Time: Dec 11 03:12:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

