

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007705.D
 Acq On : 19 Dec 2018 17:26
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW122118

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:19:51 AM

Quant Time: Dec 20 07:14:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	40382	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	7.88	113	38258	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.32	98	147048	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.62	95	54523	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34237	49.502	ug/l	94
3) Chloromethane	2.21	50	22094	52.023	ug/l	98
4) Vinyl Chloride	2.37	62	29155	53.929	ug/l	94
5) Bromomethane	2.78	94	20207	53.664	ug/l	95
6) Chloroethane	2.93	64	15427	53.339	ug/l	100
7) Trichlorofluoromethane	3.26	101	28507	50.648	ug/l	96
8) Diethyl Ether	3.68	74	18326	53.158	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43509	52.488	ug/l	98
10) Methyl Iodide	4.26	142	67178	50.961	ug/l	99
11) Tert butyl alcohol	5.17	59	13880	241.298	ug/l	99
12) 1,1-Dichloroethene	4.03	96	40249	52.436	ug/l	96
13) Acrolein	3.89	56	10007	217.580	ug/l	100
14) Allyl chloride	4.66	41	54740	54.382	ug/l	98
15) Acrylonitrile	5.37	53	34411	233.998	ug/l	99
16) Acetone	4.12	43	39496	247.347	ug/l	92
17) Carbon Disulfide	4.37	76	125137	52.682	ug/l	98
18) Methyl Acetate	4.67	43	18390	48.427	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	54032	49.033	ug/l	95
20) Methylene Chloride	4.90	84	40819	51.278	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	44113	52.255	ug/l	97
22) Diisopropyl ether	6.31	45	100025	53.070	ug/l	99
23) Vinyl Acetate	6.25	43	282100	251.919	ug/l	98
24) 1,1-Dichloroethane	6.21	63	72087	51.990	ug/l	99
25) 2-Butanone	7.17	43	42808	228.883	ug/l	98
26) 2,2-Dichloropropane	7.17	77	54116	53.336	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	46277	51.453	ug/l	99
28) Bromochloromethane	7.51	49	23520	49.751	ug/l #	99
29) Tetrahydrofuran	7.52	42	26265	235.433	ug/l	99
30) Chloroform	7.67	83	81022	51.634	ug/l	98
31) Cyclohexane	7.95	56	63614	50.115	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	74540	52.158	ug/l	98
36) 1,1-Dichloropropene	8.08	75	63708	53.622	ug/l	100
37) Ethyl Acetate	7.25	43	19432	47.392	ug/l	99
38) Carbon Tetrachloride	8.07	117	73179	52.300	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007705.D
 Acq On : 19 Dec 2018 17:26
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 ICSVW122118

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:19:51 AM

Quant Time: Dec 20 07:14:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	80063	54.231	ug/l	98
40) Benzene	8.32	78	167974	52.982	ug/l	99
41) Methacrylonitrile	7.48	41	11738	50.422	ug/l	93
42) 1,2-Dichloroethane	8.40	62	51480	48.453	ug/l	99
43) Isopropyl Acetate	8.43	43	39140	47.646	ug/l	100
44) Trichloroethene	9.09	130	50000	52.150	ug/l	98
45) 1,2-Dichloropropane	9.37	63	37546	53.372	ug/l	99
46) Dibromomethane	9.46	93	21206	48.970	ug/l	99
47) Bromodichloromethane	9.64	83	58409	51.306	ug/l	97
48) Methyl methacrylate	9.43	41	19381	47.266	ug/l	99
49) 1,4-Dioxane	9.45	88	6778	987.219	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	89345	230.136	ug/l	99
52) Toluene	10.39	92	111126	52.242	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	57193	50.507	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	64834	51.835	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29659	49.681	ug/l	96
56) Ethyl methacrylate	10.65	69	34840	49.394	ug/l	99
57) 1,3-Dichloropropane	10.93	76	48950	49.378	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	76080	236.241	ug/l	100
59) 2-Hexanone	10.97	43	64989	238.031	ug/l	98
60) Dibromochloromethane	11.13	129	39487	49.955	ug/l	99
61) 1,2-Dibromoethane	11.24	107	29294	48.455	ug/l	99
64) Tetrachloroethene	10.86	164	40826	53.351	ug/l	97
65) Chlorobenzene	11.66	112	122386	52.325	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	43512	52.063	ug/l	97
67) Ethyl Benzene	11.73	91	219449	54.676	ug/l	97
68) m/p-Xylenes	11.84	106	169157	108.646	ug/l	99
69) o-Xylene	12.17	106	79718	54.622	ug/l	98
70) Styrene	12.18	104	129829	54.117	ug/l	100
71) Bromoform	12.35	173	21754	50.141	ug/l #	99
73) Isopropylbenzene	12.47	105	229034	55.891	ug/l	100
74) N-amyl acetate	12.27	43	35589	50.138	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	29985	48.803	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	18208m	43.454	ug/l	
77) Bromobenzene	12.75	156	49522	52.731	ug/l	99
78) n-propylbenzene	12.81	91	262684	55.068	ug/l	99
79) 2-Chlorotoluene	12.90	91	150734	54.243	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	195248	55.237	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	9679	48.487	ug/l	94
82) 4-Chlorotoluene	12.99	91	160092	54.106	ug/l	99
83) tert-Butylbenzene	13.21	119	173641	55.987	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	196010	54.955	ug/l	100
85) sec-Butylbenzene	13.39	105	239734	56.086	ug/l	100
86) p-Isopropyltoluene	13.50	119	216780	55.774	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	99394	53.305	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	97637	52.347	ug/l	99
89) n-Butylbenzene	13.83	91	200303	56.207	ug/l	99
90) Hexachloroethane	14.10	117	37563	55.049	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	86709	51.938	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5845	46.323	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007705.D
Acq On : 19 Dec 2018 17:26
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Manual Integrations
APPROVED

apatel
12/20/2018 11:19:51 AM

Quant Time: Dec 20 07:14:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	59841	51.637	ug/l	99
94) Hexachlorobutadiene	15.24	225	33946	54.811	ug/l	98
95) Naphthalene	15.38	128	107901	50.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	51027	51.439	ug/l	98

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

