

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122618\
 Data File : VW007911.D
 Acq On : 25 Dec 2018 02:13
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW122618

Manual Integrations
 APPROVED

apatel
 12/27/2018 11:18:10 AM

Quant Time: Dec 25 05:47:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 25 04:35:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57729	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	47518	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	7.88	113	41713	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.32	98	162926	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.62	95	63480	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29586m	50.412	ug/l	
3) Chloromethane	2.22	50	26444	49.677	ug/l	99
4) Vinyl Chloride	2.37	62	32430	49.765	ug/l	98
5) Bromomethane	2.78	94	20863	50.782	ug/l	100
6) Chloroethane	2.93	64	17638	51.558	ug/l	100
7) Trichlorofluoromethane	3.26	101	25053	53.473	ug/l	97
8) Diethyl Ether	3.68	74	20368	51.261	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39188	50.671	ug/l	98
10) Methyl Iodide	4.26	142	64771	50.888	ug/l	99
11) Tert butyl alcohol	5.17	59	18474	288.807	ug/l	99
12) 1,1-Dichloroethene	4.03	96	36905	49.490	ug/l	99
13) Acrolein	3.88	56	8528	246.271	ug/l	99
14) Allyl chloride	4.67	41	58406	51.155	ug/l	99
15) Acrylonitrile	5.37	53	42999	254.613	ug/l	97
16) Acetone	4.12	43	38750	251.614	ug/l	99
17) Carbon Disulfide	4.38	76	108121	51.278	ug/l	100
18) Methyl Acetate	4.67	43	26619	53.784	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	67571	51.873	ug/l	98
20) Methylene Chloride	4.91	84	45921	48.995	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	40946	49.624	ug/l	97
22) Diisopropyl ether	6.31	45	114067	50.397	ug/l	99
23) Vinyl Acetate	6.26	43	326608	258.354	ug/l	99
24) 1,1-Dichloroethane	6.21	63	74106	50.430	ug/l	99
25) 2-Butanone	7.17	43	53091	252.353	ug/l	93
26) 2,2-Dichloropropane	7.16	77	48227	50.112	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	46572	50.311	ug/l	99
28) Bromochloromethane	7.51	49	27626	51.818	ug/l #	98
29) Tetrahydrofuran	7.52	42	35121	257.861	ug/l	99
30) Chloroform	7.68	83	80388	50.365	ug/l	98
31) Cyclohexane	7.95	56	61977	47.099	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	69971	51.493	ug/l	97
36) 1,1-Dichloropropene	8.09	75	59545	50.119	ug/l	99
37) Ethyl Acetate	7.26	43	24514	51.104	ug/l	98
38) Carbon Tetrachloride	8.07	117	64651	51.928	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122618\
 Data File : VW007911.D
 Acq On : 25 Dec 2018 02:13
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 ICSVW122618

Manual Integrations
 APPROVED

apatel
 12/27/2018 11:18:10 AM

Quant Time: Dec 25 05:47:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 25 04:35:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	72885	49.883	ug/l	99
40) Benzene	8.32	78	167326	50.367	ug/l	98
41) Methacrylonitrile	7.48	41	14530	49.323	ug/l	94
42) 1,2-Dichloroethane	8.40	62	56847	51.133	ug/l	100
43) Isopropyl Acetate	8.43	43	50732	51.761	ug/l	99
44) Trichloroethene	9.09	130	48129	51.433	ug/l	100
45) 1,2-Dichloropropane	9.37	63	40486	51.030	ug/l	97
46) Dibromomethane	9.46	93	23242	51.088	ug/l	99
47) Bromodichloromethane	9.65	83	60041	52.569	ug/l	98
48) Methyl methacrylate	9.44	41	25283	52.453	ug/l	99
49) 1,4-Dioxane	9.44	88	8148	1079.735	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	121807	261.500	ug/l	100
52) Toluene	10.39	92	111494	49.726	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	60978	51.978	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	68008	51.661	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32757	51.376	ug/l	99
56) Ethyl methacrylate	10.65	69	42583	53.520	ug/l	98
57) 1,3-Dichloropropane	10.93	76	55728	50.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97368	252.640	ug/l	100
59) 2-Hexanone	10.97	43	83535	263.217	ug/l	100
60) Dibromochloromethane	11.13	129	40636	53.589	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33247	52.600	ug/l	97
64) Tetrachloroethene	10.87	164	40559	50.706	ug/l	98
65) Chlorobenzene	11.66	112	124956	49.741	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	44312	51.573	ug/l	99
67) Ethyl Benzene	11.73	91	221202	50.459	ug/l	99
68) m/p-Xylenes	11.84	106	169201	100.839	ug/l	100
69) o-Xylene	12.17	106	81092	50.462	ug/l	99
70) Styrene	12.18	104	134452	51.166	ug/l	99
71) Bromoform	12.35	173	21836	53.604	ug/l #	97
73) Isopropylbenzene	12.47	105	223751	51.019	ug/l	100
74) N-amyl acetate	12.27	43	47168	53.566	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	36568	52.180	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29097m	49.463	ug/l	
77) Bromobenzene	12.75	156	49967	50.720	ug/l	97
78) n-propylbenzene	12.81	91	258705	50.780	ug/l	99
79) 2-Chlorotoluene	12.90	91	152760	50.253	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	192825	51.066	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11552	55.436	ug/l	99
82) 4-Chlorotoluene	12.99	91	162973	50.977	ug/l	100
83) tert-Butylbenzene	13.21	119	167849	50.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	197710	51.575	ug/l	99
85) sec-Butylbenzene	13.39	105	230732	50.825	ug/l	100
86) p-Isopropyltoluene	13.51	119	207666	51.123	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	99730	50.511	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99918	51.130	ug/l	99
89) n-Butylbenzene	13.83	91	189711	51.067	ug/l	100
90) Hexachloroethane	14.10	117	34496	53.343	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	90694	51.258	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7156	55.146	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122618\
Data File : VW007911.D
Acq On : 25 Dec 2018 02:13
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVWV122618

Manual Integrations
APPROVED

apatel
12/27/2018 11:18:10 AM

Quant Time: Dec 25 05:47:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 25 04:35:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62568	52.687	ug/l	99
94) Hexachlorobutadiene	15.24	225	31023	50.621	ug/l	96
95) Naphthalene	15.38	128	130540	55.299	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	55476	53.676	ug/l	99

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

