

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007177.D
 Acq On : 04 Dec 2018 03:27
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW120418

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:21 PM

Quant Time: Dec 04 04:24:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 04:18:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	118309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	192666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	183877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89299	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	58985	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.88	113	56823	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.32	98	248489	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	94353	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	53616	48.266	ug/l	98
3) Chloromethane	2.21	50	75024	42.552	ug/l	95
4) Vinyl Chloride	2.35	62	45910	52.559	ug/l	97
5) Bromomethane	2.75	94	24481	67.521	ug/l	100
6) Chloroethane	2.91	64	27179	50.687	ug/l	97
7) Trichlorofluoromethane	3.25	101	89112	51.839	ug/l	96
8) Diethyl Ether	3.68	74	30321	54.650	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54360	51.918	ug/l	98
10) Methyl Iodide	4.27	142	51511	81.848	ug/l	100
11) Tert butyl alcohol	5.17	59	28968	189.746	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	53238	53.739	ug/l	98
13) Acrolein	3.90	56	18864	228.317	ug/l	98
14) Allyl chloride	4.67	41	89292	53.840	ug/l	98
15) Acrylonitrile	5.37	53	67152	284.004	ug/l	97
16) Acetone	4.12	43	61036	289.958	ug/l	98
17) Carbon Disulfide	4.37	76	189375	54.798	ug/l	99
18) Methyl Acetate	4.67	43	33500	53.240	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	146787	55.262	ug/l	98
20) Methylene Chloride	4.92	84	68247	51.094	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	62747	54.217	ug/l	98
22) Diisopropyl ether	6.31	45	169198	54.510	ug/l	96
23) Vinyl Acetate	6.26	43	477337	273.877	ug/l	97
24) 1,1-Dichloroethane	6.22	63	103617	53.133	ug/l	99
25) 2-Butanone	7.17	43	83517	286.811	ug/l	97
26) 2,2-Dichloropropane	7.16	77	86430	51.898	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	69992	55.343	ug/l	98
28) Bromochloromethane	7.51	49	42141	51.407	ug/l	99
29) Tetrahydrofuran	7.52	42	54840	285.303	ug/l	98
30) Chloroform	7.68	83	111039	53.983	ug/l	96
31) Cyclohexane	7.96	56	98047	51.181	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	98734	53.788	ug/l	100
36) 1,1-Dichloropropene	8.09	75	87848	53.478	ug/l	100
37) Ethyl Acetate	7.25	43	36753	55.119	ug/l	99
38) Carbon Tetrachloride	8.07	117	86853	53.763	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	113903	54.397	ug/l	98
40) Benzene	8.32	78	257661	55.183	ug/l	100
41) Methacrylonitrile	7.49	41	20760	50.446	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	73739	54.407	ug/l	100
43) Isopropyl Acetate	8.43	43	73886	56.423	ug/l	100
44) Trichloroethene	9.09	130	70812	54.485	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60266	53.174	ug/l	98
46) Dibromomethane	9.46	93	32827	53.836	ug/l	99
47) Bromodichloromethane	9.65	83	82173	53.208	ug/l	96
48) Methyl methacrylate	9.44	41	37509	58.260	ug/l	98
49) 1,4-Dioxane	9.45	88	12111	1123.825	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	189786	292.374	ug/l	100
52) Toluene	10.39	92	181073	56.035	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	85924	55.482	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	97406	54.193	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	47662	54.589	ug/l	98
56) Ethyl methacrylate	10.65	69	66553	57.868	ug/l	98
57) 1,3-Dichloropropane	10.93	76	77933	53.179	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	105476	209.344	ug/l	99
59) 2-Hexanone	10.97	43	138461	306.872	ug/l	99
60) Dibromochloromethane	11.13	129	57580	54.707	ug/l	99
61) 1,2-Dibromoethane	11.24	107	47077	55.822	ug/l	100
64) Tetrachloroethene	10.87	164	67283	57.007	ug/l	97
65) Chlorobenzene	11.66	112	198426	55.131	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	60975	54.222	ug/l	98
67) Ethyl Benzene	11.73	91	349848	54.449	ug/l	98
68) m/p-Xylenes	11.84	106	275528	108.249	ug/l	95
69) o-Xylene	12.17	106	129860	53.802	ug/l	91
70) Styrene	12.18	104	218009	55.174	ug/l	99
71) Bromoform	12.35	173	34324	59.004	ug/l #	100
73) Isopropylbenzene	12.47	105	362630	58.790	ug/l	99
74) N-amyl acetate	12.27	43	73452	60.047	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	53419	58.129	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	41173m	59.216	ug/l	
77) Bromobenzene	12.75	156	80220	58.090	ug/l	98
78) n-propylbenzene	12.80	91	419439	56.847	ug/l	100
79) 2-Chlorotoluene	12.90	91	252175	58.455	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	313769	58.450	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	17118	60.129	ug/l	98
82) 4-Chlorotoluene	12.99	91	259624	56.859	ug/l	99
83) tert-Butylbenzene	13.21	119	264270	57.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	305613	55.674	ug/l	99
85) sec-Butylbenzene	13.39	105	363111	56.061	ug/l	96
86) p-Isopropyltoluene	13.51	119	327197	56.580	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	159349	57.073	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	167198	58.783	ug/l	98
89) n-Butylbenzene	13.83	91	309155	56.306	ug/l	97
90) Hexachloroethane	14.10	117	51597	58.381	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	142760	57.031	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10171	59.615	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	100505	58.928	ug/l	99
94) Hexachlorobutadiene	15.24	225	50885	59.842	ug/l	99
95) Naphthalene	15.38	128	192916	60.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	85185	59.384	ug/l	99

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

