

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007186.D
 Acq On : 04 Dec 2018 14:29
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVWV120418

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:51 PM

Quant Time: Dec 05 05:43:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	167712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	144837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	74967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	49379	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.89	113	47251	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.33	98	211635	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	78057	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	53277	45.192	ug/l	99
3) Chloromethane	2.21	50	63875	42.785	ug/l	99
4) Vinyl Chloride	2.36	62	46327	49.561	ug/l	99
5) Bromomethane	2.76	94	26282	56.109	ug/l	98
6) Chloroethane	2.92	64	26182	49.920	ug/l	95
7) Trichlorofluoromethane	3.26	101	86857	47.660	ug/l	99
8) Diethyl Ether	3.69	74	24422	48.076	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53824	48.891	ug/l	99
10) Methyl Iodide	4.28	142	47976	51.157	ug/l	100
11) Tert butyl alcohol	5.15	59	26550	279.490	ug/l	98
12) 1,1-Dichloroethene	4.04	96	49870	48.338	ug/l	98
13) Acrolein	3.90	56	17496	248.893	ug/l	99
14) Allyl chloride	4.67	41	80280	48.545	ug/l	98
15) Acrylonitrile	5.37	53	56464	265.883	ug/l	99
16) Acetone	4.12	43	67570	284.508	ug/l	100
17) Carbon Disulfide	4.38	76	166295	48.899	ug/l	100
18) Methyl Acetate	4.67	43	27108	50.005	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	121405	49.980	ug/l	99
20) Methylene Chloride	4.92	84	58714	48.985	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	55446	48.130	ug/l	96
22) Diisopropyl ether	6.31	45	148233	49.932	ug/l	95
23) Vinyl Acetate	6.26	43	426939	263.565	ug/l	98
24) 1,1-Dichloroethane	6.22	63	93903	49.351	ug/l	99
25) 2-Butanone	7.17	43	72141	262.037	ug/l	99
26) 2,2-Dichloropropane	7.17	77	90282	49.374	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60363	48.879	ug/l	98
28) Bromochloromethane	7.51	49	33121	48.274	ug/l	98
29) Tetrahydrofuran	7.52	42	43931	258.223	ug/l	99
30) Chloroform	7.68	83	95347	48.216	ug/l	98
31) Cyclohexane	7.96	56	97174	48.810	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	92890	49.915	ug/l	99
36) 1,1-Dichloropropene	8.09	75	81096	49.695	ug/l	99
37) Ethyl Acetate	7.25	43	30230	51.212	ug/l	99
38) Carbon Tetrachloride	8.07	117	82812	49.719	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111858	51.204	ug/l	99
40) Benzene	8.32	78	224576	50.187	ug/l	99
41) Methacrylonitrile	7.49	41	17882	50.576	ug/l	93
42) 1,2-Dichloroethane	8.40	62	62312	49.825	ug/l	99
43) Isopropyl Acetate	8.43	43	59610	51.995	ug/l	99
44) Trichloroethene	9.09	130	63105	50.170	ug/l	96
45) 1,2-Dichloropropane	9.37	63	52304	50.229	ug/l	100
46) Dibromomethane	9.46	93	27296	50.446	ug/l	95
47) Bromodichloromethane	9.65	83	68600	48.197	ug/l	97
48) Methyl methacrylate	9.44	41	30295	50.914	ug/l	93
49) 1,4-Dioxane	9.45	88	10536	1114.634	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	151948	268.946	ug/l	100
52) Toluene	10.39	92	157829	50.704	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	73924	51.659	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	83982	50.078	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	38413	49.908	ug/l	99
56) Ethyl methacrylate	10.65	69	54709	54.492	ug/l	99
57) 1,3-Dichloropropane	10.93	76	66298	51.021	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	103193	255.894	ug/l	98
59) 2-Hexanone	10.97	43	114195	278.823	ug/l	100
60) Dibromochloromethane	11.13	129	47259	49.959	ug/l	98
61) 1,2-Dibromoethane	11.24	107	38488	52.136	ug/l	99
64) Tetrachloroethene	10.87	164	54691	51.683	ug/l	98
65) Chlorobenzene	11.66	112	167202	51.689	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52053	52.105	ug/l	99
67) Ethyl Benzene	11.73	91	300427	50.958	ug/l	100
68) m/p-Xylenes	11.84	106	243460	105.262	ug/l	99
69) o-Xylene	12.17	106	110245	51.018	ug/l	95
70) Styrene	12.18	104	178945	50.587	ug/l	97
71) Bromoform	12.35	173	26914	53.818	ug/l #	100
73) Isopropylbenzene	12.47	105	318647	52.260	ug/l	99
74) N-amyl acetate	12.27	43	58701	54.300	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43286	54.663	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	33848m	30.045	ug/l	
77) Bromobenzene	12.75	156	67483	51.274	ug/l	98
78) n-propylbenzene	12.81	91	372374	51.262	ug/l	97
79) 2-Chlorotoluene	12.90	91	204797	49.925	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	258690	49.594	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	14745	54.749	ug/l	97
82) 4-Chlorotoluene	12.99	91	224552	51.456	ug/l	96
83) tert-Butylbenzene	13.21	119	237365	52.073	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	260261	48.880	ug/l	94
85) sec-Butylbenzene	13.39	105	329128	50.577	ug/l	100
86) p-Isopropyltoluene	13.51	119	296496	51.182	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	139541	51.647	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	134908	49.433	ug/l	97
89) n-Butylbenzene	13.83	91	280056	51.734	ug/l	98
90) Hexachloroethane	14.10	117	45397	51.425	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	119118	50.927	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7934	51.721	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	80737	49.809	ug/l	99
94) Hexachlorobutadiene	15.24	225	43660	49.949	ug/l	99
95) Naphthalene	15.38	128	151548	52.167	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67411	49.320	ug/l	99

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

