

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007699.D
 Acq On : 19 Dec 2018 14:01
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:19:33 AM

Quant Time: Dec 20 06:21:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 05:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	7937	9.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.46%	
35) Dibromofluoromethane	7.88	113	6881	9.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.98%	
50) Toluene-d8	10.32	98	26289	9.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.24%	
62) 4-Bromofluorobenzene	12.62	95	10520	9.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	6227	9.416	ug/l 97
3) Chloromethane	2.21	50	3738	9.205	ug/l 92
4) Vinyl Chloride	2.37	62	5041	9.752	ug/l 99
5) Bromomethane	2.78	94	3576	9.932	ug/l 84
6) Chloroethane	2.93	64	2821	10.201	ug/l 96
7) Trichlorofluoromethane	3.26	101	4998	9.287	ug/l # 78
8) Diethyl Ether	3.68	74	3504	10.630	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	7953	10.163	ug/l 98
10) Methyl Iodide	4.27	142	12640	10.028	ug/l 99
11) Tert butyl alcohol	5.18	59	2807	51.036	ug/l # 89
12) 1,1-Dichloroethene	4.03	96	7269	9.904	ug/l 85
13) Acrolein	3.89	56	2318	52.710	ug/l 100
14) Allyl chloride	4.67	41	9533	9.905	ug/l 99
15) Acrylonitrile	5.37	53	7052	50.153	ug/l 99
16) Acetone	4.12	43	7912	51.821	ug/l 96
17) Carbon Disulfide	4.37	76	22639	9.968	ug/l 99
18) Methyl Acetate	4.67	43	3580	9.859	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	10388	9.859	ug/l 95
20) Methylene Chloride	4.90	84	9841	10.694	ug/l 90
21) trans-1,2-Dichloroethene	5.42	96	8197	10.155	ug/l 93
22) Diisopropyl ether	6.31	45	17947	9.959	ug/l # 89
23) Vinyl Acetate	6.25	43	51746	48.328	ug/l 100
24) 1,1-Dichloroethane	6.21	63	13127	9.901	ug/l 96
25) 2-Butanone	7.18	43	8775	49.068	ug/l 96
26) 2,2-Dichloropropane	7.17	77	9891	10.195	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	8580	9.977	ug/l 99
28) Bromochloromethane	7.51	49	4281	9.471	ug/l 99
29) Tetrahydrofuran	7.53	42	5130	48.092	ug/l 99
30) Chloroform	7.68	83	14700	9.798	ug/l 90
31) Cyclohexane	7.95	56	12282	10.119	ug/l # 88
32) 1,1,1-Trichloroethane	7.87	97	13859	10.142	ug/l 100
36) 1,1-Dichloropropene	8.08	75	11451	9.983	ug/l 98
37) Ethyl Acetate	7.26	43	3975	10.041	ug/l 98
38) Carbon Tetrachloride	8.07	117	13139	9.726	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	13750	9.647	ug/l	95
40) Benzene	8.32	78	30134	9.845	ug/l	96
41) Methacrylonitrile	7.48	41	2438	10.847	ug/l	95
42) 1,2-Dichloroethane	8.40	62	10283	10.024	ug/l	98
43) Isopropyl Acetate	8.43	43	7623	9.611	ug/l	98
44) Trichloroethene	9.09	130	8988	9.710	ug/l	98
45) 1,2-Dichloropropane	9.37	63	6610	9.732	ug/l	100
46) Dibromomethane	9.46	93	4110	9.830	ug/l	98
47) Bromodichloromethane	9.64	83	10828	9.851	ug/l #	96
48) Methyl methacrylate	9.44	41	3739	9.445	ug/l	99
49) 1,4-Dioxane	9.45	88	1287	194.154	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	18760	50.050	ug/l	98
52) Toluene	10.39	92	20584	10.023	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	10575	9.673	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	11812	9.781	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	5739	9.957	ug/l	98
56) Ethyl methacrylate	10.65	69	6596	9.686	ug/l	99
57) 1,3-Dichloropropane	10.93	76	9592	10.022	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	15929	51.231	ug/l	100
59) 2-Hexanone	10.97	43	12989	49.275	ug/l	100
60) Dibromochloromethane	11.13	129	7265	9.519	ug/l	96
61) 1,2-Dibromoethane	11.23	107	5897	10.103	ug/l	96
64) Tetrachloroethene	10.86	164	7538	9.707	ug/l	94
65) Chlorobenzene	11.66	112	23292	9.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	8114	9.567	ug/l	97
67) Ethyl Benzene	11.73	91	40126	9.852	ug/l	98
68) m/p-Xylenes	11.84	106	30871	19.539	ug/l	99
69) o-Xylene	12.17	106	14648	9.890	ug/l	95
70) Styrene	12.18	104	23929	9.829	ug/l	99
71) Bromoform	12.35	173	4213	9.569	ug/l #	98
73) Isopropylbenzene	12.47	105	41000	9.614	ug/l	100
74) N-amyl acetate	12.27	43	7028	9.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	6238	9.756	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	4007m	4.692	ug/l	
77) Bromobenzene	12.75	156	9679	9.903	ug/l	99
78) n-propylbenzene	12.81	91	47761	9.621	ug/l	99
79) 2-Chlorotoluene	12.90	91	28264	9.773	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	35180	9.564	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	2004	9.647	ug/l	95
82) 4-Chlorotoluene	12.99	91	30551	9.922	ug/l	99
83) tert-Butylbenzene	13.21	119	30566	9.470	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	35666	9.609	ug/l	99
85) sec-Butylbenzene	13.39	105	43127	9.695	ug/l	100
86) p-Isopropyltoluene	13.51	119	40315	9.967	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	20063	10.339	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	19386	9.987	ug/l	97
89) n-Butylbenzene	13.83	91	36654	9.884	ug/l	98
90) Hexachloroethane	14.10	117	6781	9.549	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	17463	10.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1278	9.733	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	12013	9.961	ug/l	99
94) Hexachlorobutadiene	15.24	225	6351	9.854	ug/l	99
95) Naphthalene	15.37	128	20854	9.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	9784	9.477	ug/l	97

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

