

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006804.D
 Acq On : 12 Nov 2018 12:50
 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
 11/13/2018 11:53:34 AM

Quant Time: Nov 12 14:18:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	323769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	422477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	231269	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	25713	10.84	ug/l	0.00
Spiked Amount			Recovery	=	21.68%	
35) Dibromofluoromethane	7.89	113	26236	10.91	ug/l	0.00
Spiked Amount			Recovery	=	21.82%	
50) Toluene-d8	10.33	98	111923	11.06	ug/l	0.00
Spiked Amount			Recovery	=	22.12%	
62) 4-Bromofluorobenzene	12.62	95	40178	10.90	ug/l	0.00
Spiked Amount			Recovery	=	21.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	30316	11.516	ug/l	100
3) Chloromethane	2.21	50	32288	10.217	ug/l	100
4) Vinyl Chloride	2.36	62	34152	10.279	ug/l	98
5) Bromomethane	2.78	94	25766	11.504	ug/l	96
6) Chloroethane	2.92	64	22550	10.371	ug/l	98
7) Trichlorofluoromethane	3.26	101	42855	10.266	ug/l	100
8) Diethyl Ether	3.69	74	12312	10.138	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	30680	11.061	ug/l	99
10) Methyl Iodide	4.28	142	38565	10.008	ug/l	99
11) Tert butyl alcohol	5.22	59	7014m	44.911	ug/l	
12) 1,1-Dichloroethene	4.04	96	23993	10.374	ug/l	96
13) Acrolein	3.91	56	8284	50.930	ug/l	98
14) Allyl chloride	4.68	41	30787	9.874	ug/l	99
15) Acrylonitrile	5.38	53	22199	45.668	ug/l	99
16) Acetone	4.15	43	16452	47.898	ug/l	96
17) Carbon Disulfide	4.38	76	75652	9.916	ug/l	99
18) Methyl Acetate	4.69	43	10567	8.767	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	55122	9.730	ug/l	98
20) Methylene Chloride	4.93	84	43099	12.979	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	29096	10.517	ug/l	95
22) Diisopropyl ether	6.32	45	63543	9.671	ug/l	93
23) Vinyl Acetate	6.26	43	179711	47.955	ug/l	99
24) 1,1-Dichloroethane	6.22	63	43905	10.214	ug/l	99
25) 2-Butanone	7.18	43	28441	50.150	ug/l	97
26) 2,2-Dichloropropane	7.18	77	46589	11.376	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	30636	10.335	ug/l	97
28) Bromochloromethane	7.52	49	15445	9.593	ug/l	99
29) Tetrahydrofuran	7.54	42	17644	47.468	ug/l	96
30) Chloroform	7.68	83	47309	9.933	ug/l	99
31) Cyclohexane	7.96	56	47350	10.696	ug/l	# 91
32) 1,1,1-Trichloroethane	7.88	97	48279	10.681	ug/l	99
36) 1,1-Dichloropropene	8.09	75	40004	10.435	ug/l	99
37) Ethyl Acetate	7.26	43	12226	8.980	ug/l	97
38) Carbon Tetrachloride	8.07	117	43962	10.733	ug/l	98

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39) Methylcyclohexane	9.34	83	50105	10.265	ug/l	97
40) Benzene	8.33	78	109055	10.074	ug/l	99
41) Methacrylonitrile	7.49	41	7383	9.347	ug/l	94
42) 1,2-Dichloroethane	8.40	62	29881	10.141	ug/l	100
43) Isopropyl Acetate	8.43	43	23243	9.107	ug/l	99
44) Trichloroethene	9.10	130	34532	10.375	ug/l	97
45) 1,2-Dichloropropane	9.37	63	25005	9.835	ug/l	98
46) Dibromomethane	9.46	93	14041	9.837	ug/l	99
47) Bromodichloromethane	9.65	83	34937	10.087	ug/l	98
48) Methyl methacrylate	9.44	41	11982	9.968	ug/l	93
49) 1,4-Dioxane	9.48	88	4373	204.634	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	59334	45.250	ug/l	98
52) Toluene	10.39	92	76383	10.036	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	32518	9.682	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	39442	9.905	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	20787	9.885	ug/l	98
56) Ethyl methacrylate	10.65	69	20800	8.958	ug/l	96
57) 1,3-Dichloropropane	10.93	76	32039	9.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	53066	45.888	ug/l	100
59) 2-Hexanone	10.97	43	41022	46.162	ug/l	98
60) Dibromochloromethane	11.13	129	24377	9.644	ug/l	98
61) 1,2-Dibromoethane	11.24	107	19360	9.569	ug/l	100
64) Tetrachloroethene	10.87	164	33084	10.598	ug/l	97
65) Chlorobenzene	11.66	112	90566	10.408	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	28198	10.116	ug/l	100
67) Ethyl Benzene	11.74	91	150941	10.311	ug/l	98
68) m/p-Xylenes	11.85	106	123404	20.668	ug/l	100
69) o-Xylene	12.17	106	56229	10.229	ug/l	98
70) Styrene	12.19	104	89870	10.058	ug/l	99
71) Bromoform	12.35	173	14423	9.341	ug/l #	99
73) Isopropylbenzene	12.47	105	155574	10.455	ug/l	99
74) N-amyl acetate	12.27	43	22065	9.098	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	21158	9.544	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	16578m	9.830	ug/l	
77) Bromobenzene	12.75	156	39471	10.259	ug/l	99
78) n-propylbenzene	12.81	91	182037	10.296	ug/l	99
79) 2-Chlorotoluene	12.90	91	104931	10.535	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	134931	10.466	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5917	9.328	ug/l	94
82) 4-Chlorotoluene	12.99	91	111257	10.452	ug/l	98
83) tert-Butylbenzene	13.21	119	117932	10.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	137373	10.400	ug/l	100
85) sec-Butylbenzene	13.39	105	168627	10.576	ug/l	100
86) p-Isopropyltoluene	13.51	119	153316	10.542	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	81862	10.473	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	82251	10.565	ug/l	98
89) n-Butylbenzene	13.83	91	140473	10.465	ug/l	99
90) Hexachloroethane	14.10	117	23728	10.400	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	72589	10.615	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3191	8.914	ug/l	97

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93) 1,2,4-Trichlorobenzene	15.14	180	52270	10.326	ug/l	99
94) Hexachlorobutadiene	15.24	225	35206	11.051	ug/l	98
95) Naphthalene	15.38	128	71667	9.253	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	44609	10.187	ug/l	99

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

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