

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005840.D
 Acq On : 04 Oct 2018 06:12
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW100418

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:48:07 PM

Quant Time: Oct 04 09:16:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	309738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	290120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157946	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	117578	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
35) Dibromofluoromethane	7.88	113	101219	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	10.33	98	411188	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.63	95	153124	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	59922	51.063	ug/l	91
3) Chloromethane	2.21	50	72977	51.608	ug/l	97
4) Vinyl Chloride	2.37	62	104725	50.576	ug/l	100
5) Bromomethane	2.78	94	72546	50.274	ug/l	99
6) Chloroethane	2.93	64	65200	51.483	ug/l	99
7) Trichlorofluoromethane	3.26	101	75624	53.105	ug/l	100
8) Diethyl Ether	3.68	74	55187	51.105	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	96749	49.122	ug/l	99
10) Methyl Iodide	4.27	142	167713	52.479	ug/l	99
11) Tert butyl alcohol	5.21	59	35464	235.269	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	97375	50.457	ug/l	98
13) Acrolein	3.89	56	32335	213.498	ug/l	98
14) Allyl chloride	4.67	41	164477	52.515	ug/l	99
15) Acrylonitrile	5.37	53	115600	252.615	ug/l	100
16) Acetone	4.14	43	102888	247.309	ug/l	98
17) Carbon Disulfide	4.38	76	325380	53.324	ug/l	99
18) Methyl Acetate	4.68	43	58636	49.558	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	165172	54.518	ug/l	96
20) Methylene Chloride	4.92	84	118956	52.466	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	112393	53.357	ug/l	98
22) Diisopropyl ether	6.32	45	332055	54.022	ug/l	99
23) Vinyl Acetate	6.26	43	935112	267.813	ug/l	100
24) 1,1-Dichloroethane	6.22	63	204587	51.295	ug/l	99
25) 2-Butanone	7.18	43	142682	243.807	ug/l	99
26) 2,2-Dichloropropane	7.18	77	122781	49.303	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	122292	52.085	ug/l	99
28) Bromochloromethane	7.51	49	63988	45.423	ug/l	97
29) Tetrahydrofuran	7.54	42	91269	252.629	ug/l	99
30) Chloroform	7.68	83	215682	50.461	ug/l	100
31) Cyclohexane	7.96	56	170714	50.068	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	187074	51.281	ug/l	98
36) 1,1-Dichloropropene	8.09	75	159905	51.937	ug/l	99
37) Ethyl Acetate	7.26	43	64977	50.709	ug/l	98
38) Carbon Tetrachloride	8.07	117	175216	51.075	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	184296	53.173	ug/l	97
40) Benzene	8.33	78	452330	50.692	ug/l	96
41) Methacrylonitrile	7.49	41	42807	55.905	ug/l	97
42) 1,2-Dichloroethane	8.40	62	149828	49.923	ug/l	99
43) Isopropyl Acetate	8.43	43	128740	50.830	ug/l	99
44) Trichloroethene	9.10	130	120586	51.132	ug/l	98
45) 1,2-Dichloropropane	9.37	63	105884	50.112	ug/l	98
46) Dibromomethane	9.46	93	56092	48.539	ug/l	99
47) Bromodichloromethane	9.65	83	150298	49.142	ug/l	94
48) Methyl methacrylate	9.44	41	63073	51.437	ug/l	99
49) 1,4-Dioxane	9.47	88	18144	1004.902	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	333349	252.987	ug/l	100
52) Toluene	10.39	92	296660	52.163	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	154352	51.688	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	173228	51.813	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	81926	49.074	ug/l	97
56) Ethyl methacrylate	10.65	69	107431	53.732	ug/l	99
57) 1,3-Dichloropropane	10.94	76	144463	50.829	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	202774	246.696	ug/l	99
59) 2-Hexanone	10.98	43	227921	258.615	ug/l	99
60) Dibromochloromethane	11.13	129	105699	50.719	ug/l	98
61) 1,2-Dibromoethane	11.24	107	79418	51.213	ug/l	98
64) Tetrachloroethene	10.87	164	119129	52.605	ug/l	97
65) Chlorobenzene	11.66	112	328012	51.708	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	121633	51.730	ug/l	99
67) Ethyl Benzene	11.74	91	589572	54.277	ug/l	99
68) m/p-Xylenes	11.85	106	450850	107.715	ug/l	99
69) o-Xylene	12.17	106	213532	54.886	ug/l	100
70) Styrene	12.19	104	360530	54.634	ug/l	100
71) Bromoform	12.35	173	65311	50.457	ug/l #	99
73) Isopropylbenzene	12.47	105	596319	54.872	ug/l	100
74) N-amyl acetate	12.28	43	123302	52.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	94009	50.418	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	82451m	57.440	ug/l	
77) Bromobenzene	12.76	156	139721	52.074	ug/l	99
78) n-propylbenzene	12.81	91	706453	54.654	ug/l	100
79) 2-Chlorotoluene	12.90	91	417326	54.206	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	516902	54.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	29191	51.406	ug/l	99
82) 4-Chlorotoluene	12.99	91	434547	53.547	ug/l	100
83) tert-Butylbenzene	13.21	119	433741	55.110	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	530256	54.721	ug/l	100
85) sec-Butylbenzene	13.39	105	609482	53.646	ug/l	100
86) p-Isopropyltoluene	13.51	119	561257	55.036	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	283416	52.360	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	277635	51.409	ug/l	100
89) n-Butylbenzene	13.83	91	508265	54.116	ug/l	99
90) Hexachloroethane	14.10	117	99751	52.023	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	253161	52.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17909	49.680	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	181345	53.321	ug/l	100
94) Hexachlorobutadiene	15.25	225	110208	51.246	ug/l	100
95) Naphthalene	15.38	128	321734	49.861	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	160814	52.594	ug/l	100

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

