

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012419\
 Data File : VW008403.D
 Acq On : 24 Jan 2019 18:43
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW012419

Manual Integrations
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sam
 1/25/2019 1:43:14 PM

Quant Time: Jan 25 11:19:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	509929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	807012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	725657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	379910	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	281152	56.12	ug/l	0.00
Spiked Amount			Recovery	=	112.24%	
35) Dibromofluoromethane	7.88	113	264343	56.02	ug/l	0.00
Spiked Amount			Recovery	=	112.04%	
50) Toluene-d8	10.32	98	1069881	56.54	ug/l	0.00
Spiked Amount			Recovery	=	113.08%	
62) 4-Bromofluorobenzene	12.62	95	403842	55.52	ug/l	0.00
Spiked Amount			Recovery	=	111.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	152942	51.777	ug/l	97
3) Chloromethane	2.21	50	221655	53.252	ug/l	99
4) Vinyl Chloride	2.37	62	289934	54.718	ug/l	99
5) Bromomethane	2.78	94	191981	56.173	ug/l	96
6) Chloroethane	2.93	64	181338	55.960	ug/l	96
7) Trichlorofluoromethane	3.26	101	217243	47.408	ug/l	100
8) Diethyl Ether	3.68	74	134677	52.960	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	246772	53.506	ug/l	98
10) Methyl Iodide	4.26	142	401630	55.132	ug/l	100
11) Tert butyl alcohol	5.17	59	102887	255.095	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	248083	53.151	ug/l	100
13) Acrolein	3.89	56	87765	246.691	ug/l	99
14) Allyl chloride	4.67	41	465946	52.571	ug/l	100
15) Acrylonitrile	5.37	53	284195	258.808	ug/l	100
16) Acetone	4.12	43	271562	241.394	ug/l	99
17) Carbon Disulfide	4.37	76	795822	53.385	ug/l	99
18) Methyl Acetate	4.67	43	151484	50.486	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	413383	53.529	ug/l	98
20) Methylene Chloride	4.91	84	259857	50.116	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	278998	53.169	ug/l	97
22) Diisopropyl ether	6.31	45	885170	52.696	ug/l	99
23) Vinyl Acetate	6.26	43	2585430	260.664	ug/l	99
24) 1,1-Dichloroethane	6.21	63	505238	53.137	ug/l	99
25) 2-Butanone	7.17	43	398317	254.912	ug/l	99
26) 2,2-Dichloropropane	7.17	77	332767	51.777	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	309524	54.124	ug/l	98
28) Bromochloromethane	7.51	49	219703	50.308	ug/l	100
29) Tetrahydrofuran	7.53	42	254684	257.205	ug/l	98
30) Chloroform	7.68	83	499253	53.384	ug/l	99
31) Cyclohexane	7.96	56	486415	49.475	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	429010	53.110	ug/l	100
36) 1,1-Dichloropropene	8.08	75	405550	53.200	ug/l	99
37) Ethyl Acetate	7.25	43	170639	50.595	ug/l	99
38) Carbon Tetrachloride	8.07	117	410870	53.561	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	526876	52.612	ug/l	100
40) Benzene	8.32	78	1132434	53.535	ug/l	100
41) Methacrylonitrile	7.48	41	104116	52.136	ug/l	97
42) 1,2-Dichloroethane	8.40	62	326272	53.224	ug/l	99
43) Isopropyl Acetate	8.43	43	365600	52.177	ug/l	98
44) Trichloroethene	9.09	130	308491	53.629	ug/l	96
45) 1,2-Dichloropropane	9.37	63	282494	53.560	ug/l	99
46) Dibromomethane	9.46	93	143435	52.874	ug/l	98
47) Bromodichloromethane	9.65	83	383095	53.391	ug/l	99
48) Methyl methacrylate	9.44	41	174628	50.970	ug/l	97
49) 1,4-Dioxane	9.45	88	49444	1078.288	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	891998	257.683	ug/l	100
52) Toluene	10.39	92	738027	52.854	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	405729	53.140	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	461871	53.305	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	200090	53.176	ug/l	98
56) Ethyl methacrylate	10.65	69	275291	52.213	ug/l	100
57) 1,3-Dichloropropane	10.93	76	356404	52.871	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	628261	245.249	ug/l	98
59) 2-Hexanone	10.97	43	632935	259.001	ug/l	99
60) Dibromochloromethane	11.13	129	258553	53.470	ug/l	99
61) 1,2-Dibromoethane	11.24	107	197885	53.039	ug/l	100
64) Tetrachloroethene	10.86	164	266073	54.155	ug/l	97
65) Chlorobenzene	11.66	112	799441	53.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	286204	54.002	ug/l	99
67) Ethyl Benzene	11.73	91	1460482	53.637	ug/l	99
68) m/p-Xylenes	11.84	106	1118619	105.882	ug/l	100
69) o-Xylene	12.17	106	539099	53.705	ug/l	99
70) Styrene	12.18	104	883929	53.310	ug/l	99
71) Bromoform	12.35	173	157567	52.841	ug/l	99
73) Isopropylbenzene	12.47	105	1466989	51.795	ug/l	100
74) N-amyl acetate	12.27	43	376793	51.640	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	230304	51.360	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	168014m	50.866	ug/l	
77) Bromobenzene	12.75	156	325809	52.673	ug/l	98
78) n-propylbenzene	12.80	91	1783711	52.435	ug/l	100
79) 2-Chlorotoluene	12.90	91	1009260	52.576	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1247840	52.711	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	85004	50.829	ug/l	98
82) 4-Chlorotoluene	12.99	91	1077497	52.721	ug/l	100
83) tert-Butylbenzene	13.21	119	1114528	52.905	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1277446	53.090	ug/l	100
85) sec-Butylbenzene	13.39	105	1584640	52.671	ug/l	100
86) p-Isopropyltoluene	13.50	119	1402591	53.222	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	670017	53.635	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	662483	53.363	ug/l	99
89) n-Butylbenzene	13.83	91	1358234	52.491	ug/l	100
90) Hexachloroethane	14.10	117	274595	53.281	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	589558	53.338	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43341	50.941	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	417504	52.931	ug/l	99
94) Hexachlorobutadiene	15.24	225	250645	52.727	ug/l	100
95) Naphthalene	15.37	128	740408	53.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	349846	52.286	ug/l	97

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

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