

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012419\
 Data File : VW008399.D
 Acq On : 24 Jan 2019 16:33
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

sam
 1/25/2019 1:43:02 PM

Quant Time: Jan 25 10:56:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 10:41:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	523485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	846418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	769206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	404626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	516690	94.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.76%	
35) Dibromofluoromethane	7.88	113	478055	88.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.96%	
50) Toluene-d8	10.32	98	1951496	91.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.88%	
62) 4-Bromofluorobenzene	12.62	95	756871	99.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	317322	96.202	ug/l	96
3) Chloromethane	2.21	50	479015	99.068	ug/l	99
4) Vinyl Chloride	2.37	62	593685	96.096	ug/l	100
5) Bromomethane	2.78	94	389734	83.242	ug/l	97
6) Chloroethane	2.92	64	376052	92.995	ug/l	97
7) Trichlorofluoromethane	3.26	101	485230	106.968	ug/l	95
8) Diethyl Ether	3.67	74	277383	88.182	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	521770	98.797	ug/l	99
10) Methyl Iodide	4.26	142	816727	95.887	ug/l	100
11) Tert butyl alcohol	5.17	59	207277	565.336	ug/l	97
12) 1,1-Dichloroethene	4.03	96	514323	95.753	ug/l	96
13) Acrolein	3.89	56	187136	562.879	ug/l	98
14) Allyl chloride	4.66	41	989595	110.204	ug/l	100
15) Acrylonitrile	5.36	53	614666	508.690	ug/l	99
16) Acetone	4.12	43	590404	466.859	ug/l	98
17) Carbon Disulfide	4.37	76	1670005	102.176	ug/l	98
18) Methyl Acetate	4.67	43	333410	98.696	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	842405	102.452	ug/l	99
20) Methylene Chloride	4.91	84	526884	78.459	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	578345	95.866	ug/l	99
22) Diisopropyl ether	6.31	45	1887646	107.672	ug/l	100
23) Vinyl Acetate	6.26	43	5667610	604.788	ug/l	100
24) 1,1-Dichloroethane	6.21	63	1063431	99.624	ug/l	99
25) 2-Butanone	7.17	43	879724	543.125	ug/l	99
26) 2,2-Dichloropropane	7.17	77	680510	99.899	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	635800	97.273	ug/l	99
28) Bromochloromethane	7.51	49	464936	105.720	ug/l	97
29) Tetrahydrofuran	7.53	42	559786	554.367	ug/l	100
30) Chloroform	7.68	83	1048082	99.237	ug/l	99
31) Cyclohexane	7.95	56	1040738	102.329	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	890218	100.434	ug/l	100
36) 1,1-Dichloropropene	8.08	75	859811	100.968	ug/l	100
37) Ethyl Acetate	7.25	43	371872	105.896	ug/l	99
38) Carbon Tetrachloride	8.07	117	852818	101.419	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1120790	110.647	ug/l	99
40) Benzene	8.32	78	2376400	98.515	ug/l	100
41) Methacrylonitrile	7.48	41	230804	112.903	ug/l	96
42) 1,2-Dichloroethane	8.40	62	690455	102.362	ug/l	100
43) Isopropyl Acetate	8.43	43	796329	120.050	ug/l	99
44) Trichloroethene	9.09	130	635554	96.168	ug/l	96
45) 1,2-Dichloropropane	9.37	63	594643	99.241	ug/l	98
46) Dibromomethane	9.46	93	302468	96.854	ug/l	100
47) Bromodichloromethane	9.65	83	805348	104.547	ug/l	99
48) Methyl methacrylate	9.43	41	391051	125.230	ug/l	98
49) 1,4-Dioxane	9.45	88	100744	2003.934	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1962016	584.140	ug/l	100
52) Toluene	10.39	92	1574831	103.162	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	868416	112.953	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	978360	107.948	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	424135	97.918	ug/l	97
56) Ethyl methacrylate	10.65	69	601380	118.219	ug/l	99
57) 1,3-Dichloropropane	10.93	76	758422	100.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1497346	610.231	ug/l	99
59) 2-Hexanone	10.97	43	1401457	595.504	ug/l	99
60) Dibromochloromethane	11.13	129	546735	105.761	ug/l	99
61) 1,2-Dibromoethane	11.24	107	417647	99.573	ug/l	99
64) Tetrachloroethene	10.86	164	541409	100.381	ug/l	97
65) Chlorobenzene	11.66	112	1669476	99.503	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	600822	104.046	ug/l	99
67) Ethyl Benzene	11.73	91	3111137	106.793	ug/l	100
68) m/p-Xylenes	11.84	106	2410300	213.159	ug/l	99
69) o-Xylene	12.17	106	1156169	109.442	ug/l	100
70) Styrene	12.18	104	1937309	114.168	ug/l	99
71) Bromoform	12.35	173	347994	120.971	ug/l	99
73) Isopropylbenzene	12.47	105	3205182	108.716	ug/l	99
74) N-amyl acetate	12.27	43	854638	135.268	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	508384	101.379	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	374802m	101.717	ug/l	
77) Bromobenzene	12.75	156	687826	97.129	ug/l	98
78) n-propylbenzene	12.80	91	3854684	108.021	ug/l	100
79) 2-Chlorotoluene	12.90	91	2185985	107.216	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	2703706	109.898	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	191465	124.002	ug/l	97
82) 4-Chlorotoluene	12.99	91	2363885	110.951	ug/l	99
83) tert-Butylbenzene	13.21	119	2390839	110.413	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	2757572	110.029	ug/l	100
85) sec-Butylbenzene	13.39	105	3400815	109.387	ug/l	100
86) p-Isopropyltoluene	13.50	119	3007098	110.743	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1410141	100.221	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1404123	99.608	ug/l	99
89) n-Butylbenzene	13.83	91	2944826	113.060	ug/l	100
90) Hexachloroethane	14.10	117	574200	114.265	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1245396	100.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	91280	111.320	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	878822	104.504	ug/l	99
94) Hexachlorobutadiene	15.24	225	514335	108.523	ug/l	100
95) Naphthalene	15.37	128	1572609	111.912	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	745313	101.752	ug/l	98

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

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