

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100119\
 Data File : VW013367.D
 Acq On : 01 Oct 2019 12:35
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 9:11:52 AM

Quant Time: Oct 02 09:03:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 15:01:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	370392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	530816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	454823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	224886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	14368	5.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.18%	
35) Dibromofluoromethane	7.88	113	14496	5.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.16%	
50) Toluene-d8	10.32	98	61007	5.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.40%	
62) 4-Bromofluorobenzene	12.61	95	21082	5.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.82%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	6980	5.018 ug/l	97
3) Chloromethane	2.21	50	13486	5.129 ug/l	99
4) Vinyl Chloride	2.35	62	18254	5.223 ug/l #	88
5) Bromomethane	2.78	94	10811	5.031 ug/l	82
6) Chloroethane	2.92	64	10675	5.410 ug/l	97
7) Trichlorofluoromethane	3.26	101	7500	4.919 ug/l	92
8) Diethyl Ether	3.68	74	8146	4.771 ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17453	5.191 ug/l	96
10) Methyl Iodide	4.27	142	26420	4.944 ug/l	100
11) Tert butyl alcohol	5.19	59	7198m	12.204 ug/l	
12) 1,1-Dichloroethene	4.04	96	17449	4.952 ug/l	82
13) Acrolein	3.89	56	1837	7.589 ug/l #	82
14) Allyl chloride	4.67	41	25640	4.977 ug/l	98
15) Acrylonitrile	5.37	53	17527	22.352 ug/l	95
16) Acetone	4.12	43	25320	27.756 ug/l	89
17) Carbon Disulfide	4.38	76	46200	4.772 ug/l	98
18) Methyl Acetate	4.67	43	10743	5.187 ug/l	91
19) Methyl tert-butyl Ether	5.42	73	25244	4.880 ug/l	100
20) Methylene Chloride	4.90	84	25389	5.542 ug/l	89
21) trans-1,2-Dichloroethene	5.42	96	18208	4.891 ug/l	99
22) Diisopropyl ether	6.31	45	47966	4.824 ug/l #	92
23) Vinyl Acetate	6.26	43	123595	20.777 ug/l	100
24) 1,1-Dichloroethane	6.20	63	29482	4.798 ug/l	96
25) 2-Butanone	7.18	43	25369	22.107 ug/l	96
26) 2,2-Dichloropropane	7.16	77	23400	5.546 ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	18737	4.783 ug/l	87
28) Bromochloromethane	7.51	49	10401	4.923 ug/l #	95
29) Tetrahydrofuran	7.53	42	13298	20.013 ug/l	100
30) Chloroform	7.68	83	31121	5.174 ug/l	96
31) Cyclohexane	7.95	56	36014	5.347 ug/l #	80
32) 1,1,1-Trichloroethane	7.87	97	22840	4.853 ug/l	98
36) 1,1-Dichloropropene	8.08	75	25379	4.939 ug/l	98
37) Ethyl Acetate	7.24	43	11735	4.527 ug/l	97
38) Carbon Tetrachloride	8.06	117	20866	4.745 ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	33438	4.960	ug/l	96
40) Benzene	8.32	78	71847	4.946	ug/l	98
41) Methacrylonitrile	7.49	41	5678	2.035	ug/l	94
42) 1,2-Dichloroethane	8.40	62	18023	4.896	ug/l	98
43) Isopropyl Acetate	8.42	43	18042	4.241	ug/l	97
44) Trichloroethene	9.09	130	19262	4.701	ug/l	96
45) 1,2-Dichloropropane	9.37	63	16609	4.835	ug/l	97
46) Dibromomethane	9.46	93	7903	4.581	ug/l	96
47) Bromodichloromethane	9.64	83	19599	4.693	ug/l	96
48) Methyl methacrylate	9.43	41	8317	4.186	ug/l	97
49) 1,4-Dioxane	9.46	88	2302	74.735	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	50207	21.901	ug/l	98
52) Toluene	10.38	92	45151	4.870	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	19561	4.631	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	24361	4.697	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	12006	4.680	ug/l	94
56) Ethyl methacrylate	10.65	69	14318	4.241	ug/l	96
57) 1,3-Dichloropropane	10.93	76	20700	4.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	29606	21.258	ug/l	99
59) 2-Hexanone	10.97	43	30374	19.856	ug/l	96
60) Dibromochloromethane	11.13	129	12897	4.540	ug/l	99
61) 1,2-Dibromoethane	11.24	107	11484	4.591	ug/l	99
64) Tetrachloroethene	10.86	164	17843	4.910	ug/l	94
65) Chlorobenzene	11.66	112	47363	4.859	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	15456	4.787	ug/l	96
67) Ethyl Benzene	11.73	91	83586	4.798	ug/l	98
68) m/p-Xylenes	11.83	106	64392	9.547	ug/l	98
69) o-Xylene	12.16	106	30272	4.926	ug/l	99
70) Styrene	12.18	104	50225	4.759	ug/l	99
71) Bromoform	12.35	173	7702	4.384	ug/l #	100
73) Isopropylbenzene	12.46	105	84264	4.977	ug/l	100
74) N-amyl acetate	12.27	43	14879	4.074	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	13098	4.510	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	8659m	4.258	ug/l	
77) Bromobenzene	12.74	156	20518	5.091	ug/l	91
78) n-propylbenzene	12.80	91	95344	4.916	ug/l	98
79) 2-Chlorotoluene	12.89	91	51874	4.733	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	69996	4.911	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3246	3.723	ug/l #	81
82) 4-Chlorotoluene	12.99	91	56346	4.990	ug/l	96
83) tert-Butylbenzene	13.21	119	59317	4.733	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	72066	5.099	ug/l	99
85) sec-Butylbenzene	13.38	105	81574	4.718	ug/l	100
86) p-Isopropyltoluene	13.50	119	73928	4.610	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	39137	5.016	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	40035	5.159	ug/l	96
89) n-Butylbenzene	13.82	91	67488	4.665	ug/l	98
90) Hexachloroethane	14.09	117	11830	4.512	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	35345	5.156	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1793	4.017	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	22828	4.769	ug/l	92
94) Hexachlorobutadiene	15.24	225	15972	4.952	ug/l	98
95) Naphthalene	15.37	128	35308	4.490	ug/l	96
96) 1,2,3-Trichlorobenzene	15.55	180	20732	4.952	ug/l	97

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

