

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070819\
 Data File : VW011159.D
 Acq On : 08 Jul 2019 12:28
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 4:12:57 PM

Quant Time: Jul 09 06:02:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 05:44:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169177	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	295231	98.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.08%	
35) Dibromofluoromethane	7.88	113	232632	99.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.28%	
50) Toluene-d8	10.32	98	949191	100.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.16%	
62) 4-Bromofluorobenzene	12.62	95	345509	99.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	165143	92.395	ug/l	100
3) Chloromethane	2.21	50	214988	93.347	ug/l	99
4) Vinyl Chloride	2.36	62	281094	93.249	ug/l	97
5) Bromomethane	2.76	94	142003	93.748	ug/l	96
6) Chloroethane	2.91	64	158249	97.465	ug/l	100
7) Trichlorofluoromethane	3.25	101	106406	99.363	ug/l	100
8) Diethyl Ether	3.67	74	148826	100.441	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	244368	95.267	ug/l	100
10) Methyl Iodide	4.27	142	351245	99.561	ug/l	99
11) Tert butyl alcohol	5.17	59	110286	494.667	ug/l	98
12) 1,1-Dichloroethene	4.04	96	264569	99.375	ug/l	95
13) Acrolein	3.89	56	93764	528.149	ug/l	97
14) Allyl chloride	4.66	41	468573	96.517	ug/l	99
15) Acrylonitrile	5.35	53	381090	505.005	ug/l	99
16) Acetone	4.11	43	351045	484.492	ug/l	100
17) Carbon Disulfide	4.38	76	802353	99.408	ug/l	99
18) Methyl Acetate	4.66	43	204555	90.274	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	399103	98.798	ug/l	98
20) Methylene Chloride	4.91	84	274965	96.197	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	276586	99.981	ug/l	97
22) Diisopropyl ether	6.31	45	1040547	99.651	ug/l	98
23) Vinyl Acetate	6.24	43	3499914	541.600	ug/l	100
24) 1,1-Dichloroethane	6.21	63	549701	100.252	ug/l	100
25) 2-Butanone	7.17	43	593689	521.983	ug/l	98
26) 2,2-Dichloropropane	7.16	77	274131	96.179	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	301028	100.876	ug/l	100
28) Bromochloromethane	7.51	49	248497	99.670	ug/l	99
29) Tetrahydrofuran	7.52	42	383409	514.101	ug/l	99
30) Chloroform	7.67	83	494855	97.451	ug/l	99
31) Cyclohexane	7.95	56	542036	92.921	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	378416	97.965	ug/l	100
36) 1,1-Dichloropropene	8.08	75	413592	98.659	ug/l	100
37) Ethyl Acetate	7.24	43	253767	100.751	ug/l	100
38) Carbon Tetrachloride	8.07	117	358551	100.892	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	507813	99.941	ug/l	99
40) Benzene	8.32	78	1147965	99.086	ug/l	100
41) Methacrylonitrile	7.48	41	167023	115.943	ug/l	90
42) 1,2-Dichloroethane	8.40	62	374949	99.766	ug/l	100
43) Isopropyl Acetate	8.42	43	499137	104.962	ug/l	100
44) Trichloroethene	9.09	130	278719	99.973	ug/l	100
45) 1,2-Dichloropropane	9.37	63	315643	100.609	ug/l	100
46) Dibromomethane	9.46	93	149407	101.379	ug/l	99
47) Bromodichloromethane	9.64	83	387566	102.779	ug/l	99
48) Methyl methacrylate	9.43	41	245766	107.424	ug/l	99
49) 1,4-Dioxane	9.45	88	50625	2057.964	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1301472	523.923	ug/l	100
52) Toluene	10.38	92	711441	101.231	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	424933	105.867	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	494485	104.664	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	213811	102.265	ug/l	98
56) Ethyl methacrylate	10.65	69	342974	107.747	ug/l	99
57) 1,3-Dichloropropane	10.93	76	402424	101.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	806934	546.816	ug/l	99
59) 2-Hexanone	10.97	43	917373	532.515	ug/l	100
60) Dibromochloromethane	11.13	129	241277	105.239	ug/l	100
61) 1,2-Dibromoethane	11.23	107	203337	102.673	ug/l	100
64) Tetrachloroethene	10.86	164	226772	94.886	ug/l	98
65) Chlorobenzene	11.66	112	717741	99.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	256738	101.259	ug/l	99
67) Ethyl Benzene	11.73	91	1374266	99.692	ug/l	98
68) m/p-Xylenes	11.84	106	990624	198.600	ug/l	100
69) o-Xylene	12.16	106	472493	100.502	ug/l	99
70) Styrene	12.18	104	830779	102.393	ug/l	99
71) Bromoform	12.35	173	140759	104.416	ug/l	# 99
73) Isopropylbenzene	12.46	105	1270145	100.434	ug/l	99
74) N-amyl acetate	12.27	43	467990	106.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	262273	101.171	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	187531m	95.662	ug/l	
77) Bromobenzene	12.75	156	285904	100.737	ug/l	100
78) n-propylbenzene	12.80	91	1546815	99.289	ug/l	99
79) 2-Chlorotoluene	12.89	91	893008	99.612	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1071083	99.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	95111	110.034	ug/l	95
82) 4-Chlorotoluene	12.99	91	919440	98.468	ug/l	100
83) tert-Butylbenzene	13.21	119	893944	99.766	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1079397	100.054	ug/l	100
85) sec-Butylbenzene	13.38	105	1275571	98.657	ug/l	100
86) p-Isopropyltoluene	13.50	119	1161624	100.169	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	541677	99.198	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	536982	97.657	ug/l	99
89) n-Butylbenzene	13.82	91	1152632	99.636	ug/l	99
90) Hexachloroethane	14.09	117	212478	100.267	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	488242	98.557	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	47332	102.934	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	348561	102.154	ug/l	98
94) Hexachlorobutadiene	15.24	225	203659	97.220	ug/l	99
95) Naphthalene	15.37	128	713980	109.195	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	309156	102.663	ug/l	100

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

