

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082820\
 Data File : VW016400.D
 Acq On : 28 Aug 2020 14:08
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 11:59:31 AM

Quant Time: Aug 28 14:38:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 14:25:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	175606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	270101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120421	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	175342	102.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.64%	
35) Dibromofluoromethane	7.88	113	171968	103.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.52%	
50) Toluene-d8	10.32	98	659497	103.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.64%	
62) 4-Bromofluorobenzene	12.62	95	244196	106.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	107398	90.740	ug/l	98
3) Chloromethane	2.21	50	94769	77.235	ug/l	100
4) Vinyl Chloride	2.37	62	138873	80.595	ug/l	94
5) Bromomethane	2.78	94	96791	88.782	ug/l	95
6) Chloroethane	2.92	64	84069	85.861	ug/l	95
7) Trichlorofluoromethane	3.26	101	171774	115.650	ug/l	97
8) Diethyl Ether	3.68	74	82667	92.290	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	166316	89.166	ug/l	98
10) Methyl Iodide	4.28	142	255647	93.993	ug/l	99
11) Tert butyl alcohol	5.20	59	49012	524.184	ug/l	100
12) 1,1-Dichloroethene	4.04	96	168803	88.996	ug/l	95
13) Acrolein	3.90	56	38410	312.072	ug/l	99
14) Allyl chloride	4.67	41	210922	83.962	ug/l	99
15) Acrylonitrile	5.37	53	155640	465.281	ug/l	99
16) Acetone	4.14	43	143635	458.009	ug/l	95
17) Carbon Disulfide	4.38	76	475367	85.921	ug/l	99
18) Methyl Acetate	4.67	43	65819	87.808	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	248822	104.199	ug/l	96
20) Methylene Chloride	4.91	84	178764	73.699	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	184800	89.368	ug/l	97
22) Diisopropyl ether	6.31	45	406482	85.698	ug/l	98
23) Vinyl Acetate	6.26	43	1271214	466.450	ug/l	99
24) 1,1-Dichloroethane	6.22	63	292580	87.615	ug/l	99
25) 2-Butanone	7.18	43	188961	443.423	ug/l	97
26) 2,2-Dichloropropane	7.17	77	208361	94.331	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	204645	95.237	ug/l	96
28) Bromochloromethane	7.51	49	110253	88.184	ug/l	99
29) Tetrahydrofuran	7.54	42	116309	453.963	ug/l	98
30) Chloroform	7.68	83	326213	92.594	ug/l	100
31) Cyclohexane	7.96	56	253109	82.601	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	292247	98.016	ug/l	99
36) 1,1-Dichloropropene	8.09	75	258662	97.198	ug/l	99
37) Ethyl Acetate	7.26	43	87381	96.939	ug/l	98
38) Carbon Tetrachloride	8.07	117	286843	106.189	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	320125	100.103	ug/l	98
40) Benzene	8.32	78	684422	91.989	ug/l	97
41) Methacrylonitrile	7.48	41	51444	100.348	ug/l	99
42) 1,2-Dichloroethane	8.40	62	209125	104.384	ug/l	100
43) Isopropyl Acetate	8.43	43	175642	102.748	ug/l	99
44) Trichloroethene	9.10	130	208345	97.764	ug/l	98
45) 1,2-Dichloropropane	9.37	63	158325	90.830	ug/l	98
46) Dibromomethane	9.46	93	94419	101.427	ug/l	97
47) Bromodichloromethane	9.65	83	247805	102.505	ug/l	99
48) Methyl methacrylate	9.44	41	83447	105.292	ug/l	99
49) 1,4-Dioxane	9.47	88	26599	2280.351	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	428752	499.384	ug/l	100
52) Toluene	10.39	92	471518	98.731	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	248292	110.582	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	285854	103.638	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	133129	99.501	ug/l	96
56) Ethyl methacrylate	10.65	69	165834	109.582	ug/l	100
57) 1,3-Dichloropropane	10.93	76	225195	99.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	354060	512.935	ug/l	100
59) 2-Hexanone	10.97	43	299794	512.325	ug/l	99
60) Dibromochloromethane	11.13	129	176707	109.691	ug/l	100
61) 1,2-Dibromoethane	11.24	107	131985	102.422	ug/l	96
64) Tetrachloroethene	10.87	164	169618	102.872	ug/l	95
65) Chlorobenzene	11.66	112	507799	99.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	187858	104.438	ug/l	98
67) Ethyl Benzene	11.73	91	928486	101.652	ug/l	98
68) m/p-Xylenes	11.84	106	705193	200.989	ug/l	98
69) o-Xylene	12.16	106	325939	104.240	ug/l	97
70) Styrene	12.18	104	562697	103.939	ug/l	99
71) Bromoform	12.35	173	98337	120.098	ug/l #	100
73) Isopropylbenzene	12.46	105	920804	100.264	ug/l	100
74) N-amyl acetate	12.27	43	161543	99.583	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	144908	95.242	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	102662m	93.273	ug/l	
77) Bromobenzene	12.75	156	204380	99.661	ug/l	99
78) n-propylbenzene	12.80	91	1047646	95.929	ug/l	97
79) 2-Chlorotoluene	12.90	91	618035	97.721	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	792219	100.043	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	49814	108.350	ug/l	98
82) 4-Chlorotoluene	12.99	91	644491	98.104	ug/l	99
83) tert-Butylbenzene	13.21	119	683958	105.603	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	791197	101.496	ug/l	99
85) sec-Butylbenzene	13.38	105	927877	99.157	ug/l	99
86) p-Isopropyltoluene	13.50	119	859889	100.853	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	397795	98.580	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	387399	96.436	ug/l	99
89) n-Butylbenzene	13.82	91	795217	101.315	ug/l	99
90) Hexachloroethane	14.10	117	160323	100.670	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	355612	99.944	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	27597	115.131	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	245072	113.969	ug/l	95
94) Hexachlorobutadiene	15.23	225	139407	107.115	ug/l	96
95) Naphthalene	15.37	128	487418	123.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	217783	118.121	ug/l	98

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

