

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064052.D
 Acq On : 9 Oct 2020 22:25
 Operator : JC/MD
 Sample : VN1009WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:10:12 PM

Quant Time: Oct 10 02:50:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	228924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	367175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196411	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	7.55	113	136886	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.06	98	494034	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.38	95	177709	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42167	17.457	ug/l	97
3) Chloromethane	2.04	50	51758	18.261	ug/l	98
4) Vinyl Chloride	2.16	62	50751	17.838	ug/l	99
5) Bromomethane	2.53	94	30080	16.809	ug/l	96
6) Chloroethane	2.67	64	32896	19.350	ug/l	95
7) Trichlorofluoromethane	2.99	101	81858	18.141	ug/l	98
8) Diethyl Ether	3.38	74	29171	19.116	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.72	101	44293	18.366	ug/l	98
10) Methyl Iodide	3.91	142	48726	17.401	ug/l	99
11) Tert butyl alcohol	4.73	59	44380	106.288	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	42668	18.509	ug/l	95
13) Acrolein	3.57	56	33042	128.937	ug/l	99
14) Allyl chloride	4.28	41	86429	20.181	ug/l	90
15) Acrylonitrile	4.93	53	131021	109.623	ug/l	98
16) Acetone	3.78	43	121059	103.983	ug/l	98
17) Carbon Disulfide	4.01	76	110581	18.200	ug/l	98
18) Methyl Acetate	4.28	43	70636	23.368	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	158209	18.890	ug/l	100
20) Methylene Chloride	4.51	84	55085	20.715	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	46175	17.883	ug/l	99
22) Diisopropyl ether	5.90	45	189070	21.458	ug/l	94
23) Vinyl Acetate	5.85	43	744128	101.950	ug/l	99
24) 1,1-Dichloroethane	5.80	63	100981	20.044	ug/l	99
25) 2-Butanone	6.79	43	186455	112.964	ug/l	98
26) 2,2-Dichloropropane	6.78	77	75789	16.427	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	54805	18.455	ug/l	97
28) Bromochloromethane	7.15	49	51314	20.608	ug/l	97
29) Tetrahydrofuran	7.17	42	124231	112.220	ug/l	95
30) Chloroform	7.33	83	104584	19.909	ug/l	94
31) Cyclohexane	7.62	56	79039	18.002	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	91524	19.316	ug/l	98
36) 1,1-Dichloropropene	7.75	75	72556	18.451	ug/l	98
37) Ethyl Acetate	6.88	43	79446	20.335	ug/l	99
38) Carbon Tetrachloride	7.73	117	80169	18.180	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	61456	15.671	ug/l	98
40) Benzene	8.00	78	215584	19.194	ug/l	96
41) Methacrylonitrile	7.14	41	34565m	19.906	ug/l	
42) 1,2-Dichloroethane	8.08	62	90616	18.900	ug/l	99
43) Isopropyl Acetate	8.13	43	129679	20.123	ug/l	100
44) Trichloroethene	8.80	130	52206	17.739	ug/l	99
45) 1,2-Dichloropropane	9.09	63	59777	19.706	ug/l	98
46) Dibromomethane	9.17	93	40540	19.373	ug/l	96
47) Bromodichloromethane	9.37	83	81972	19.007	ug/l	99
48) Methyl methacrylate	9.17	41	63583	19.970	ug/l	90
49) 1,4-Dioxane	9.17	88	16953	374.648	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	407280	107.694	ug/l	99
52) Toluene	10.13	92	133571	19.226	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	83734	18.112	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	88059	18.213	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52726	18.924	ug/l	97
56) Ethyl methacrylate	10.40	69	72310	18.310	ug/l	96
57) 1,3-Dichloropropane	10.68	76	90785	19.260	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	206218	97.618	ug/l	98
59) 2-Hexanone	10.72	43	287343	102.280	ug/l	100
60) Dibromochloromethane	10.87	129	59329	18.285	ug/l	99
61) 1,2-Dibromoethane	10.98	107	54110	18.986	ug/l	100
64) Tetrachloroethene	10.60	164	48322	17.010	ug/l	99
65) Chlorobenzene	11.41	112	134413	17.846	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	55505	19.222	ug/l	98
67) Ethyl Benzene	11.48	91	239444	17.471	ug/l	100
68) m/p-Xylenes	11.60	106	176384	34.531	ug/l	98
69) o-Xylene	11.92	106	82826	17.349	ug/l	97
70) Styrene	11.94	104	144724	17.858	ug/l	99
71) Bromoform	12.10	173	39736	17.993	ug/l #	97
73) Isopropylbenzene	12.23	105	226247	19.229	ug/l	99
74) N-amyl acetate	12.05	43	105828	20.710	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	78653	21.861	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	72796m	20.472	ug/l	
77) Bromobenzene	12.50	156	57371	19.872	ug/l	98
78) n-propylbenzene	12.57	91	255160	18.634	ug/l	100
79) 2-Chlorotoluene	12.65	91	164098	19.485	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	189916	19.240	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	24412	19.773	ug/l	98
82) 4-Chlorotoluene	12.75	91	168497	19.273	ug/l	98
83) tert-Butylbenzene	12.97	119	149603	18.528	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	187577	19.033	ug/l	97
85) sec-Butylbenzene	13.15	105	196498	18.529	ug/l	100
86) p-Isopropyltoluene	13.26	119	172207	18.355	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	96724	18.518	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	98623	18.135	ug/l	99
89) n-Butylbenzene	13.59	91	142666	16.476	ug/l	98
90) Hexachloroethane	13.85	117	34839	19.163	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	97162	18.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	17161	20.338	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40896	15.769	ug/l	97
94) Hexachlorobutadiene	14.98	225	27293	19.499	ug/l	96
95) Naphthalene	15.10	128	117092	14.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	41704	16.374	ug/l	99

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

