

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062904.D
 Acq On : 13 Aug 2020 12:15
 Operator : JC/MD
 Sample : VN0813WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/14/2020 4:50:02 PM

Quant Time: Aug 14 05:36:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	173091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	255290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119388	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	134668	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.55	113	96245	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.06	98	366155	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.38	95	136326	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	41171	16.611	ug/l	98
3) Chloromethane	2.03	50	35350	15.114	ug/l	97
4) Vinyl Chloride	2.16	62	35397	16.135	ug/l	98
5) Bromomethane	2.52	94	32131	22.125	ug/l	98
6) Chloroethane	2.66	64	30707	21.277	ug/l	99
7) Trichlorofluoromethane	2.98	101	78100	19.965	ug/l	98
8) Diethyl Ether	3.37	74	21509	19.207	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33527	20.736	ug/l	98
10) Methyl Iodide	3.90	142	37291	19.668	ug/l	98
11) Tert butyl alcohol	4.74	59	38892	82.901	ug/l	99
12) 1,1-Dichloroethene	3.69	96	29523	19.310	ug/l	99
13) Acrolein	3.57	56	23956	84.338	ug/l	96
14) Allyl chloride	4.27	41	53512	17.658	ug/l	98
15) Acrylonitrile	4.93	53	104882	96.389	ug/l	98
16) Acetone	3.78	43	91883	88.837	ug/l	95
17) Carbon Disulfide	4.00	76	76858	17.766	ug/l	99
18) Methyl Acetate	4.28	43	49463	19.531	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	127046	18.945	ug/l	99
20) Methylene Chloride	4.50	84	39098	20.203	ug/l	91
21) trans-1,2-Dichloroethene	4.98	96	31560	18.220	ug/l	96
22) Diisopropyl ether	5.90	45	130107	20.168	ug/l	93
23) Vinyl Acetate	5.84	43	436418	88.939	ug/l	99
24) 1,1-Dichloroethane	5.79	63	71821	18.997	ug/l	99
25) 2-Butanone	6.79	43	136385	93.104	ug/l	99
26) 2,2-Dichloropropane	6.77	77	65839	18.893	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	38747	18.647	ug/l	98
28) Bromochloromethane	7.15	49	35390	19.396	ug/l	97
29) Tetrahydrofuran	7.17	42	89932	94.498	ug/l	99
30) Chloroform	7.33	83	74353	18.506	ug/l	100
31) Cyclohexane	7.61	56	65139	18.770	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	65598	18.261	ug/l	98
36) 1,1-Dichloropropene	7.75	75	49867	19.013	ug/l	98
37) Ethyl Acetate	6.88	43	47812	17.452	ug/l	98
38) Carbon Tetrachloride	7.73	117	58069	18.721	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	60447	19.151	ug/l	100
40) Benzene	8.00	78	147541	18.852	ug/l	96
41) Methacrylonitrile	7.14	41	25975m	21.011	ug/l	
42) 1,2-Dichloroethane	8.09	62	62744	18.836	ug/l	99
43) Isopropyl Acetate	8.13	43	83660	18.307	ug/l #	88
44) Trichloroethene	8.80	130	36339	19.058	ug/l	100
45) 1,2-Dichloropropane	9.08	63	42773	20.193	ug/l	97
46) Dibromomethane	9.17	93	27876	20.085	ug/l	99
47) Bromodichloromethane	9.37	83	61066	19.591	ug/l	100
48) Methyl methacrylate	9.17	41	41969	18.672	ug/l	99
49) 1,4-Dioxane	9.17	88	15474	371.539	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	284110	96.091	ug/l	100
52) Toluene	10.13	92	94551	19.567	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	63867	18.627	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	67470	19.599	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	40417	19.584	ug/l	97
56) Ethyl methacrylate	10.40	69	60324	19.419	ug/l	97
57) 1,3-Dichloropropane	10.68	76	69130	19.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	71053	80.920	ug/l	99
59) 2-Hexanone	10.72	43	205028	92.962	ug/l	100
60) Dibromochloromethane	10.87	129	45611	19.367	ug/l	100
61) 1,2-Dibromoethane	10.98	107	40142	19.712	ug/l	98
64) Tetrachloroethene	10.60	164	31883	19.356	ug/l	95
65) Chlorobenzene	11.41	112	103983	19.485	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	42469	19.817	ug/l	98
67) Ethyl Benzene	11.48	91	183973	19.265	ug/l	98
68) m/p-Xylenes	11.60	106	136811	39.466	ug/l	97
69) o-Xylene	11.92	106	65068	20.029	ug/l	96
70) Styrene	11.94	104	112493	19.700	ug/l	99
71) Bromoform	12.10	173	32712	18.656	ug/l #	100
73) Isopropylbenzene	12.22	105	183167	20.375	ug/l	99
74) N-amyl acetate	12.05	43	69706	19.134	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	63204	19.972	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	62505m	19.413	ug/l	
77) Bromobenzene	12.50	156	43704	19.566	ug/l	97
78) n-propylbenzene	12.57	91	213705	20.251	ug/l	100
79) 2-Chlorotoluene	12.65	91	131774	19.913	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	161855	20.753	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	20629	19.559	ug/l	99
82) 4-Chlorotoluene	12.75	91	138582	20.321	ug/l	99
83) tert-Butylbenzene	12.97	119	132594	20.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	151641	20.324	ug/l	97
85) sec-Butylbenzene	13.15	105	177773	20.513	ug/l	100
86) p-Isopropyltoluene	13.26	119	156229	20.309	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	76527	19.178	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	79483	19.859	ug/l	98
89) n-Butylbenzene	13.59	91	122092	18.766	ug/l	99
90) Hexachloroethane	13.85	117	32274	19.464	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	77341	20.673	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12427	18.291	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31638	18.022	ug/l	99
94) Hexachlorobutadiene	14.98	225	24565	19.931	ug/l	96
95) Naphthalene	15.10	128	80764	17.332	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	33138	18.557	ug/l	99

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

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