

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062121.D
 Acq On : 25 Jun 2020 19:18
 Operator : JC/MD
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 10:34:19 AM

Quant Time: Jun 26 04:08:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	452484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186503	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	172042	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	7.55	113	144485	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.06	98	551900	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	12.38	95	183840	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	51387	17.855	ug/l	96
3) Chloromethane	2.03	50	70577	20.028	ug/l	98
4) Vinyl Chloride	2.16	62	83996	18.532	ug/l	99
5) Bromomethane	2.53	94	53980	18.428	ug/l	98
6) Chloroethane	2.67	64	57648	18.619	ug/l	98
7) Trichlorofluoromethane	2.98	101	101083	18.100	ug/l	99
8) Diethyl Ether	3.37	74	38460	19.722	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51266	17.529	ug/l	97
10) Methyl Iodide	3.91	142	65285	19.821	ug/l	98
11) Tert butyl alcohol	4.74	59	52732	102.785	ug/l	98
12) 1,1-Dichloroethene	3.70	96	56289	19.253	ug/l	94
13) Acrolein	3.56	56	42873	85.355	ug/l	99
14) Allyl chloride	4.28	41	74733	18.775	ug/l	95
15) Acrylonitrile	4.93	53	133010	95.140	ug/l	100
16) Acetone	3.78	43	104059	90.189	ug/l	97
17) Carbon Disulfide	4.01	76	148233	17.734	ug/l	100
18) Methyl Acetate	4.28	43	53353	18.783	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	187101	20.027	ug/l	99
20) Methylene Chloride	4.50	84	65780	19.923	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	60946	18.298	ug/l	96
22) Diisopropyl ether	5.90	45	170827	18.848	ug/l	96
23) Vinyl Acetate	5.84	43	690416	93.303	ug/l	99
24) 1,1-Dichloroethane	5.80	63	107077	18.347	ug/l	100
25) 2-Butanone	6.79	43	164079	93.945	ug/l	98
26) 2,2-Dichloropropane	6.77	77	75208	15.464	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	68925	18.390	ug/l	97
28) Bromochloromethane	7.15	49	40349	15.934	ug/l	95
29) Tetrahydrofuran	7.17	42	110326	96.433	ug/l	98
30) Chloroform	7.33	83	110907	18.678	ug/l	100
31) Cyclohexane	7.61	56	88189	17.864	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	93663	18.704	ug/l	98
36) 1,1-Dichloropropene	7.75	75	80078	17.607	ug/l	98
37) Ethyl Acetate	6.88	43	68460	18.178	ug/l	97
38) Carbon Tetrachloride	7.73	117	79134	18.455	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	84895	17.036	ug/l	97
40) Benzene	8.00	78	247012	17.819	ug/l	100
41) Methacrylonitrile	7.14	41	35488m	20.325	ug/l	
42) 1,2-Dichloroethane	8.09	62	84650	18.074	ug/l	100
43) Isopropyl Acetate	8.13	43	118711	19.336	ug/l #	89
44) Trichloroethene	8.80	130	64211	18.362	ug/l	94
45) 1,2-Dichloropropane	9.09	63	62570	18.296	ug/l	100
46) Dibromomethane	9.18	93	42953	18.524	ug/l	97
47) Bromodichloromethane	9.37	83	86266	18.425	ug/l	100
48) Methyl methacrylate	9.17	41	49034	17.813	ug/l	97
49) 1,4-Dioxane	9.17	88	23030	377.263	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	348005	97.019	ug/l	100
52) Toluene	10.12	92	157311	18.598	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	90970	17.661	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	99818	18.202	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	62873	18.910	ug/l	98
56) Ethyl methacrylate	10.40	69	86737	19.548	ug/l	98
57) 1,3-Dichloropropane	10.68	76	105348	18.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	152090	91.424	ug/l	98
59) 2-Hexanone	10.72	43	247825	95.680	ug/l	100
60) Dibromochloromethane	10.87	129	65484	18.603	ug/l	100
61) 1,2-Dibromoethane	10.98	107	64560	18.897	ug/l	97
64) Tetrachloroethene	10.60	164	53299	18.886	ug/l	97
65) Chlorobenzene	11.40	112	169125	18.641	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	58814	18.747	ug/l	97
67) Ethyl Benzene	11.48	91	293851	19.178	ug/l	99
68) m/p-Xylenes	11.60	106	224196	37.830	ug/l	99
69) o-Xylene	11.92	106	107816	19.282	ug/l	98
70) Styrene	11.94	104	174788	18.743	ug/l	99
71) Bromoform	12.10	173	42865	19.217	ug/l #	100
73) Isopropylbenzene	12.22	105	282791	19.588	ug/l	100
74) N-amyl acetate	12.05	43	92204	19.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	91186	18.980	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	74645m	17.002	ug/l	
77) Bromobenzene	12.50	156	70460	19.659	ug/l	94
78) n-propylbenzene	12.57	91	310030	18.774	ug/l	99
79) 2-Chlorotoluene	12.65	91	187726	18.804	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	234417	20.030	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25816	17.172	ug/l	100
82) 4-Chlorotoluene	12.75	91	191508	18.550	ug/l	99
83) tert-Butylbenzene	12.97	119	200047	19.973	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	227168	19.435	ug/l	98
85) sec-Butylbenzene	13.15	105	252366	19.069	ug/l	99
86) p-Isopropyltoluene	13.27	119	224378	19.351	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118861	18.885	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	119508	18.421	ug/l	99
89) n-Butylbenzene	13.59	91	174600	18.112	ug/l	99
90) Hexachloroethane	13.85	117	40575	17.836	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	116882	19.151	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14682	19.077	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51482	19.309	ug/l	100
94) Hexachlorobutadiene	14.99	225	22126	19.107	ug/l	97
95) Naphthalene	15.11	128	166280	21.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	54219	19.888	ug/l	100

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

