

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062157.D
 Acq On : 26 Jun 2020 23:03
 Operator : JC/MD
 Sample : VN0626WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:52 PM

Quant Time: Jun 27 06:29:59 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	241244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	433835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179952	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	166667	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	7.55	113	137460	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.06	98	537494	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.38	95	177150	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	48323	17.721	ug/l	98
3) Chloromethane	2.03	50	62470	18.620	ug/l	98
4) Vinyl Chloride	2.16	62	74796	17.418	ug/l	97
5) Bromomethane	2.53	94	50963	18.363	ug/l	96
6) Chloroethane	2.67	64	51358	17.508	ug/l	99
7) Trichlorofluoromethane	2.98	101	88234	16.675	ug/l	100
8) Diethyl Ether	3.37	74	35867	19.412	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50218	18.123	ug/l	99
10) Methyl Iodide	3.91	142	60055	19.244	ug/l	99
11) Tert butyl alcohol	4.73	59	46169	94.983	ug/l	99
12) 1,1-Dichloroethene	3.70	96	51541	18.606	ug/l	97
13) Acrolein	3.57	56	36267	76.207	ug/l	100
14) Allyl chloride	4.27	41	70201	18.614	ug/l	100
15) Acrylonitrile	4.93	53	124028	93.636	ug/l	99
16) Acetone	3.77	43	96815	88.490	ug/l	99
17) Carbon Disulfide	4.01	76	140127	17.694	ug/l	100
18) Methyl Acetate	4.28	43	51017	18.957	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	175342	19.809	ug/l	99
20) Methylene Chloride	4.50	84	62427	19.957	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	55711	17.654	ug/l	98
22) Diisopropyl ether	5.90	45	161791	18.841	ug/l	93
23) Vinyl Acetate	5.84	43	669149	95.444	ug/l	99
24) 1,1-Dichloroethane	5.80	63	103501	18.718	ug/l	99
25) 2-Butanone	6.79	43	152734	92.299	ug/l	99
26) 2,2-Dichloropropane	6.78	77	68916	14.956	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	67420	18.987	ug/l	97
28) Bromochloromethane	7.15	49	42212	17.594	ug/l	99
29) Tetrahydrofuran	7.17	42	103518	95.500	ug/l	100
30) Chloroform	7.33	83	104172	18.516	ug/l	99
31) Cyclohexane	7.61	56	85349	18.247	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	90026	18.975	ug/l	99
36) 1,1-Dichloropropene	7.75	75	76055	17.441	ug/l	100
37) Ethyl Acetate	6.88	43	66217	18.338	ug/l	98
38) Carbon Tetrachloride	7.73	117	74985	18.239	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	85667	17.930	ug/l	97
40) Benzene	8.00	78	237891	17.898	ug/l	99
41) Methacrylonitrile	7.13	41	29671	17.724	ug/l	98
42) 1,2-Dichloroethane	8.09	62	83258	18.540	ug/l	100
43) Isopropyl Acetate	8.13	43	110341	18.745	ug/l #	89
44) Trichloroethene	8.80	130	62126	18.530	ug/l	98
45) 1,2-Dichloropropane	9.09	63	61799	18.847	ug/l	99
46) Dibromomethane	9.18	93	41199	18.532	ug/l	98
47) Bromodichloromethane	9.37	83	82114	18.293	ug/l	99
48) Methyl methacrylate	9.17	41	48488	18.372	ug/l	98
49) 1,4-Dioxane	9.17	88	21272	363.444	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	328285	95.456	ug/l	100
52) Toluene	10.12	92	152580	18.815	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	86482	17.511	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	94682	18.008	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	59919	18.796	ug/l	99
56) Ethyl methacrylate	10.40	69	80629	18.952	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101432	18.486	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	145406	91.210	ug/l	99
59) 2-Hexanone	10.72	43	228940	92.188	ug/l	99
60) Dibromochloromethane	10.87	129	62906	18.639	ug/l	98
61) 1,2-Dibromoethane	10.98	107	60530	18.479	ug/l	99
64) Tetrachloroethene	10.60	164	48891	17.896	ug/l	99
65) Chlorobenzene	11.41	112	161386	18.375	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	56586	18.632	ug/l	100
67) Ethyl Benzene	11.48	91	275744	18.590	ug/l	99
68) m/p-Xylenes	11.60	106	213952	37.292	ug/l	100
69) o-Xylene	11.92	106	101095	18.676	ug/l	97
70) Styrene	11.94	104	165764	18.362	ug/l	99
71) Bromoform	12.10	173	40483	18.748	ug/l #	98
73) Isopropylbenzene	12.22	105	271695	19.505	ug/l	99
74) N-amyl acetate	12.05	43	87790	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85815	18.513	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	71118m	16.788	ug/l	
77) Bromobenzene	12.50	156	63578	18.384	ug/l	98
78) n-propylbenzene	12.57	91	298455	18.731	ug/l	99
79) 2-Chlorotoluene	12.65	91	179769	18.663	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	220981	19.569	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23681	16.325	ug/l	95
82) 4-Chlorotoluene	12.75	91	182582	18.330	ug/l	99
83) tert-Butylbenzene	12.97	119	190160	19.677	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	215586	19.116	ug/l	99
85) sec-Butylbenzene	13.15	105	253098	19.820	ug/l	99
86) p-Isopropyltoluene	13.26	119	215713	19.281	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112651	18.550	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	111868	17.871	ug/l	99
89) n-Butylbenzene	13.59	91	168392	18.104	ug/l	99
90) Hexachloroethane	13.85	117	40594	18.494	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	112293	19.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13591	18.302	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	46747	18.172	ug/l	98
94) Hexachlorobutadiene	14.99	225	21207	18.980	ug/l	97
95) Naphthalene	15.10	128	136370	18.623	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	49287	18.737	ug/l	97

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

