

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061501.D
 Acq On : 20 May 2020 15:23
 Operator : JC/MD
 Sample : VN0520WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:16:14 PM

Quant Time: May 21 01:35:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	323389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	569356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	538963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	254646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215767	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	
35) Dibromofluoromethane	7.54	113	153049	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.06	98	679813	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.37	95	255033	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	54642	20.321	ug/l	100
3) Chloromethane	2.03	50	78244	17.840	ug/l	99
4) Vinyl Chloride	2.16	62	117528	18.724	ug/l	100
5) Bromomethane	2.54	94	68646	19.166	ug/l	98
6) Chloroethane	2.67	64	75917	17.969	ug/l	99
7) Trichlorofluoromethane	2.98	101	159167	20.887	ug/l	96
8) Diethyl Ether	3.37	74	42625	19.203	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65855	20.781	ug/l	97
10) Methyl Iodide	3.91	142	81389	21.146	ug/l	98
11) Tert butyl alcohol	4.73	59	66826	120.166	ug/l	100
12) 1,1-Dichloroethene	3.69	96	65070	19.630	ug/l	88
13) Acrolein	3.56	56	23153	42.345	ug/l	97
14) Allyl chloride	4.27	41	96578	17.903	ug/l	96
15) Acrylonitrile	4.92	53	152495	92.557	ug/l	98
16) Acetone	3.77	43	135302	102.844	ug/l	99
17) Carbon Disulfide	4.01	76	141372	17.817	ug/l	100
18) Methyl Acetate	4.27	43	62879	18.319	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	245849	19.544	ug/l	97
20) Methylene Chloride	4.50	84	74895	18.881	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	74414	19.468	ug/l	97
22) Diisopropyl ether	5.90	45	216190	17.834	ug/l	96
23) Vinyl Acetate	5.84	43	878951	91.178	ug/l	96
24) 1,1-Dichloroethane	5.79	63	132326	18.715	ug/l	98
25) 2-Butanone	6.78	43	209397	95.288	ug/l	96
26) 2,2-Dichloropropane	6.77	77	130852	19.413	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	91529	20.272	ug/l	94
28) Bromochloromethane	7.15	49	54786	18.254	ug/l	91
29) Tetrahydrofuran	7.17	42	134622	92.501	ug/l	95
30) Chloroform	7.33	83	148534	20.113	ug/l	99
31) Cyclohexane	7.61	56	116781	16.787	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	133762	19.821	ug/l	99
36) 1,1-Dichloropropene	7.75	75	109474	20.563	ug/l	98
37) Ethyl Acetate	6.88	43	87564	18.137	ug/l	97
38) Carbon Tetrachloride	7.73	117	103775	21.169	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	121591	18.699	ug/l	95
40) Benzene	8.00	78	323664	20.174	ug/l	98
41) Methacrylonitrile	7.13	41	46712	22.907	ug/l #	89
42) 1,2-Dichloroethane	8.08	62	113669	19.665	ug/l	100
43) Isopropyl Acetate	8.12	43	160527	19.063	ug/l	92
44) Trichloroethene	8.80	130	92101	21.909	ug/l	99
45) 1,2-Dichloropropane	9.08	63	80423	20.027	ug/l	100
46) Dibromomethane	9.17	93	58046	20.619	ug/l	96
47) Bromodichloromethane	9.37	83	119687	20.179	ug/l	96
48) Methyl methacrylate	9.17	41	68977	17.732	ug/l	95
49) 1,4-Dioxane	9.16	88	28058	673.449	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	453607	98.885	ug/l	99
52) Toluene	10.12	92	217509	21.117	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	130431	20.063	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	137525	19.900	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	83435	21.426	ug/l	99
56) Ethyl methacrylate	10.40	69	126336	20.751	ug/l	94
57) 1,3-Dichloropropane	10.68	76	140529	20.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	249844	93.495	ug/l	96
59) 2-Hexanone	10.72	43	325117	97.962	ug/l	98
60) Dibromochloromethane	10.87	129	93779	21.771	ug/l	98
61) 1,2-Dibromoethane	10.98	107	89755	21.921	ug/l	98
64) Tetrachloroethene	10.60	164	87805	21.058	ug/l	98
65) Chlorobenzene	11.40	112	231733	21.084	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	85048	21.585	ug/l	99
67) Ethyl Benzene	11.48	91	417048	20.788	ug/l	97
68) m/p-Xylenes	11.59	106	323170	42.438	ug/l	97
69) o-Xylene	11.92	106	156572	21.247	ug/l	95
70) Styrene	11.94	104	258839	21.211	ug/l	98
71) Bromoform	12.10	173	59159	20.548	ug/l #	98
73) Isopropylbenzene	12.22	105	408599	19.987	ug/l	98
74) N-amyl acetate	12.04	43	135744	18.141	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	113286	20.142	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	105281m	19.268	ug/l	
77) Bromobenzene	12.50	156	95689	21.568	ug/l	91
78) n-propylbenzene	12.56	91	456208	19.586	ug/l	98
79) 2-Chlorotoluene	12.65	91	269994	19.611	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	340819	20.361	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	36483	17.712	ug/l	97
82) 4-Chlorotoluene	12.75	91	287543	20.170	ug/l	98
83) tert-Butylbenzene	12.97	119	281817	19.656	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	338941	20.233	ug/l	98
85) sec-Butylbenzene	13.15	105	375535	19.370	ug/l	99
86) p-Isopropyltoluene	13.26	119	340975	19.806	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	171215	21.087	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	171871	21.136	ug/l	99
89) n-Butylbenzene	13.59	91	290419	18.568	ug/l	99
90) Hexachloroethane	13.85	117	45657	19.568	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	166847	21.422	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22475	19.782	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	87546	20.730	ug/l	100
94) Hexachlorobutadiene	14.98	225	35736	19.045	ug/l	98
95) Naphthalene	15.10	128	286692	21.354	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	86806	20.648	ug/l	99

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

