

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061325.D
 Acq On : 7 May 2020 11:40
 Operator : JC/MD
 Sample : VN0507WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:18:14 PM

Quant Time: May 08 08:58:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	99206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	168810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	156074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	72015	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	82376	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.54	113	50948	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.06	98	211625	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.37	95	76732	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	18619	17.699	ug/l	99
3) Chloromethane	2.03	50	25068	19.675	ug/l	100
4) Vinyl Chloride	2.16	62	28265	19.532	ug/l	98
5) Bromomethane	2.54	94	12135	16.964	ug/l	97
6) Chloroethane	2.67	64	17117	18.661	ug/l	95
7) Trichlorofluoromethane	2.98	101	35682	21.855	ug/l	100
8) Diethyl Ether	3.37	74	13646	20.038	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	21092	20.053	ug/l	99
10) Methyl Iodide	3.91	142	21729	16.075	ug/l	99
11) Tert butyl alcohol	4.73	59	19675	93.566	ug/l	97
12) 1,1-Dichloroethene	3.69	96	19596	18.722	ug/l	96
13) Acrolein	3.56	56	16107	114.942	ug/l	97
14) Allyl chloride	4.27	41	42005	21.643	ug/l	99
15) Acrylonitrile	4.92	53	61486	95.253	ug/l	98
16) Acetone	3.77	43	58980	93.697	ug/l	100
17) Carbon Disulfide	4.00	76	49320	17.058	ug/l	97
18) Methyl Acetate	4.27	43	33901	17.555	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	75573	18.895	ug/l	99
20) Methylene Chloride	4.50	84	23240	18.987	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	21604	18.955	ug/l	98
22) Diisopropyl ether	5.90	45	87499	19.442	ug/l	97
23) Vinyl Acetate	5.84	43	342201	94.434	ug/l	100
24) 1,1-Dichloroethane	5.79	63	45923	19.530	ug/l	98
25) 2-Butanone	6.78	43	86292	92.900	ug/l	100
26) 2,2-Dichloropropane	6.77	77	40790	20.595	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	25342	18.947	ug/l	98
28) Bromochloromethane	7.15	49	23345	20.946	ug/l	97
29) Tetrahydrofuran	7.16	42	56408	90.151	ug/l	99
30) Chloroform	7.33	83	45807	19.223	ug/l	100
31) Cyclohexane	7.61	56	38996	17.077	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	39160	18.872	ug/l	99
36) 1,1-Dichloropropene	7.75	75	32150	19.025	ug/l	99
37) Ethyl Acetate	6.88	43	36629	18.489	ug/l	99
38) Carbon Tetrachloride	7.73	117	28507	19.930	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	30948	16.330	ug/l	98
40) Benzene	8.00	78	95224	18.914	ug/l	100
41) Methacrylonitrile	7.12	41	14998	18.234	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	38595	20.236	ug/l	99
43) Isopropyl Acetate	8.12	43	61441	18.687	ug/l #	91
44) Trichloroethene	8.80	130	24518	18.015	ug/l	100
45) 1,2-Dichloropropane	9.08	63	25917	19.269	ug/l	97
46) Dibromomethane	9.17	93	16410	19.705	ug/l	98
47) Bromodichloromethane	9.37	83	35252	19.721	ug/l	96
48) Methyl methacrylate	9.17	41	27363	18.443	ug/l	97
49) 1,4-Dioxane	9.17	88	6393	379.605	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	183586	94.863	ug/l	99
52) Toluene	10.12	92	58172	19.183	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	38321	19.026	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	40862	19.190	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	23557	19.476	ug/l	97
56) Ethyl methacrylate	10.40	69	33940	17.951	ug/l	96
57) 1,3-Dichloropropane	10.68	76	41258	19.406	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	91824	93.787	ug/l	98
59) 2-Hexanone	10.72	43	128907	91.557	ug/l	100
60) Dibromochloromethane	10.87	129	24372	19.239	ug/l	98
61) 1,2-Dibromoethane	10.98	107	22947	18.928	ug/l	98
64) Tetrachloroethene	10.60	164	23285	17.226	ug/l	98
65) Chlorobenzene	11.41	112	59391	19.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	22143	19.983	ug/l	99
67) Ethyl Benzene	11.48	91	109741	18.935	ug/l	99
68) m/p-Xylenes	11.59	106	80108	37.762	ug/l	97
69) o-Xylene	11.92	106	37338	18.323	ug/l	96
70) Styrene	11.94	104	62174	18.230	ug/l	97
71) Bromoform	12.10	173	15403	18.914	ug/l #	99
73) Isopropylbenzene	12.22	105	102842	19.426	ug/l	99
74) N-amyl acetate	12.04	43	49556	18.485	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	33535	20.314	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	29987m	19.751	ug/l	
77) Bromobenzene	12.50	156	24185	19.789	ug/l	97
78) n-propylbenzene	12.57	91	123915	19.733	ug/l	100
79) 2-Chlorotoluene	12.65	91	73452	19.901	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	86273	19.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	11331	18.952	ug/l	96
82) 4-Chlorotoluene	12.75	91	78083	20.072	ug/l	97
83) tert-Butylbenzene	12.97	119	70160	18.989	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	86911	19.252	ug/l	99
85) sec-Butylbenzene	13.15	105	93991	18.659	ug/l	99
86) p-Isopropyltoluene	13.26	119	84188	18.550	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	43544	19.354	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	43562	18.950	ug/l	96
89) n-Butylbenzene	13.59	91	75120	18.055	ug/l	98
90) Hexachloroethane	13.85	117	10914	27.164	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	42588	19.742	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	6776	19.435	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	22942	17.464	ug/l	97
94) Hexachlorobutadiene	14.98	225	11347	20.676	ug/l	98
95) Naphthalene	15.11	128	69419	16.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	22666	17.476	ug/l	99

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

