

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062703.D
 Acq On : 31 Jul 2020 23:09
 Operator : JC/MD
 Sample : VN0731WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:03:19 PM

Quant Time: Aug 01 06:25:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	153783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	231850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110577	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124811	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	7.55	113	82445	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	10.06	98	316184	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.38	95	116926	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	33294	18.150	ug/l	98
3) Chloromethane	2.03	50	37635	15.127	ug/l	98
4) Vinyl Chloride	2.16	62	34964	16.211	ug/l	97
5) Bromomethane	2.50	94	20427	21.383	ug/l	99
6) Chloroethane	2.65	64	20210	20.715	ug/l	97
7) Trichlorofluoromethane	2.97	101	54837	21.655	ug/l	96
8) Diethyl Ether	3.37	74	21244	17.940	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30488	18.778	ug/l	97
10) Methyl Iodide	3.91	142	36048	17.367	ug/l	95
11) Tert butyl alcohol	4.74	59	37934	99.817	ug/l	98
12) 1,1-Dichloroethene	3.69	96	29999	18.219	ug/l	96
13) Acrolein	3.56	56	18027	52.386	ug/l	95
14) Allyl chloride	4.27	41	56719	15.924	ug/l	94
15) Acrylonitrile	4.93	53	89657	88.079	ug/l	97
16) Acetone	3.78	43	79700	88.656	ug/l	97
17) Carbon Disulfide	4.00	76	84701	15.656	ug/l	99
18) Methyl Acetate	4.28	43	45862	20.152	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	115948	19.132	ug/l	97
20) Methylene Chloride	4.50	84	37606	17.442	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	32183	17.610	ug/l	97
22) Diisopropyl ether	5.90	45	120907	17.077	ug/l	94
23) Vinyl Acetate	5.84	43	487684	84.067	ug/l	96
24) 1,1-Dichloroethane	5.80	63	69071	18.117	ug/l	99
25) 2-Butanone	6.79	43	121373	88.651	ug/l	97
26) 2,2-Dichloropropane	6.77	77	54080	17.279	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	37729	18.092	ug/l	97
28) Bromochloromethane	7.15	49	34215	18.236	ug/l	95
29) Tetrahydrofuran	7.17	42	79267	85.562	ug/l	94
30) Chloroform	7.33	83	70729	19.512	ug/l	100
31) Cyclohexane	7.62	56	58268	16.553	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	62735	20.729	ug/l	99
36) 1,1-Dichloropropene	7.75	75	50397	18.729	ug/l	98
37) Ethyl Acetate	6.88	43	51003	17.583	ug/l	99
38) Carbon Tetrachloride	7.73	117	55706	21.537	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51952	17.935	ug/l	97
40) Benzene	8.00	78	144767	17.770	ug/l	98
41) Methacrylonitrile	7.13	41	21440m	17.246	ug/l	
42) 1,2-Dichloroethane	8.08	62	62140	20.864	ug/l	98
43) Isopropyl Acetate	8.13	43	83945	17.952	ug/l #	91
44) Trichloroethene	8.80	130	33826	18.412	ug/l	99
45) 1,2-Dichloropropane	9.08	63	41451	18.122	ug/l	97
46) Dibromomethane	9.17	93	26356	19.937	ug/l	96
47) Bromodichloromethane	9.37	83	56815	19.837	ug/l #	98
48) Methyl methacrylate	9.17	41	40177	18.075	ug/l	96
49) 1,4-Dioxane	9.17	88	13345	390.891	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	262985	93.995	ug/l	100
52) Toluene	10.12	92	88735	18.758	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	60452	18.960	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	64650	18.897	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	35642	19.425	ug/l	98
56) Ethyl methacrylate	10.40	69	55608	18.050	ug/l	97
57) 1,3-Dichloropropane	10.68	76	62640	18.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	83533	95.199	ug/l	97
59) 2-Hexanone	10.72	43	189813	89.644	ug/l	99
60) Dibromochloromethane	10.87	129	41285	20.169	ug/l	98
61) 1,2-Dibromoethane	10.98	107	35893	18.786	ug/l	97
64) Tetrachloroethene	10.60	164	29556	19.620	ug/l	97
65) Chlorobenzene	11.41	112	93008	19.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	36712	20.077	ug/l	98
67) Ethyl Benzene	11.48	91	170509	19.133	ug/l	98
68) m/p-Xylenes	11.60	106	124042	38.724	ug/l	97
69) o-Xylene	11.92	106	59124	19.437	ug/l	98
70) Styrene	11.94	104	102342	19.918	ug/l	98
71) Bromoform	12.10	173	28297	20.611	ug/l #	99
73) Isopropylbenzene	12.22	105	164320	18.794	ug/l	100
74) N-amyl acetate	12.05	43	69793	17.874	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	54862	18.057	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	50734m	18.025	ug/l	
77) Bromobenzene	12.50	156	40127	19.097	ug/l	92
78) n-propylbenzene	12.57	91	191715	18.719	ug/l	100
79) 2-Chlorotoluene	12.65	91	118552	18.783	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	145127	20.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	17638	17.445	ug/l	95
82) 4-Chlorotoluene	12.75	91	120315	18.313	ug/l	99
83) tert-Butylbenzene	12.97	119	120522	20.012	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	139068	19.546	ug/l	99
85) sec-Butylbenzene	13.15	105	161517	20.033	ug/l	98
86) p-Isopropyltoluene	13.26	119	140283	20.230	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	69322	18.800	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	69720	19.208	ug/l	98
89) n-Butylbenzene	13.59	91	111863	18.774	ug/l	99
90) Hexachloroethane	13.85	117	28260	19.144	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	66407	18.835	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11483	20.816	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29011	17.782	ug/l	98
94) Hexachlorobutadiene	14.98	225	22203	23.044	ug/l	97
95) Naphthalene	15.11	128	74634	17.797	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	31012	18.664	ug/l	100

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

