

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
 Data File : VN062662.D
 Acq On : 30 Jul 2020 11:27
 Operator : JC/MD
 Sample : VN0730WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:56:49 AM

Quant Time: Jul 31 04:46:09 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	157679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	255882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	233949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	128829	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	7.55	113	86763	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.06	98	324670	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.37	95	119132	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	33370	17.742	ug/l	94
3) Chloromethane	2.04	50	38408	15.056	ug/l	96
4) Vinyl Chloride	2.16	62	35484	16.046	ug/l	99
5) Bromomethane	2.52	94	19729	20.142	ug/l	97
6) Chloroethane	2.66	64	19464	19.458	ug/l	97
7) Trichlorofluoromethane	2.98	101	53741	20.698	ug/l	100
8) Diethyl Ether	3.37	74	20251	16.679	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.71	101	28229	16.957	ug/l	96
10) Methyl Iodide	3.91	142	34224	16.081	ug/l	97
11) Tert butyl alcohol	4.73	59	35390	90.822	ug/l	97
12) 1,1-Dichloroethene	3.70	96	26767	15.854	ug/l	94
13) Acrolein	3.57	56	19496	54.793	ug/l	100
14) Allyl chloride	4.27	41	59854	16.389	ug/l	94
15) Acrylonitrile	4.93	53	94544	90.586	ug/l	99
16) Acetone	3.78	43	73501	79.740	ug/l	98
17) Carbon Disulfide	4.00	76	78732	14.193	ug/l	97
18) Methyl Acetate	4.28	43	45969	19.700	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	117121	18.848	ug/l	98
20) Methylene Chloride	4.50	84	39297	17.775	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	33793	18.034	ug/l	98
22) Diisopropyl ether	5.90	45	128620	17.718	ug/l	93
23) Vinyl Acetate	5.84	43	524324	88.149	ug/l	99
24) 1,1-Dichloroethane	5.79	63	70918	18.142	ug/l	99
25) 2-Butanone	6.79	43	121995	86.903	ug/l	97
26) 2,2-Dichloropropane	6.77	77	61980	19.314	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	37914	17.731	ug/l	99
28) Bromochloromethane	7.15	49	37471	19.478	ug/l	94
29) Tetrahydrofuran	7.17	42	82658	87.018	ug/l	98
30) Chloroform	7.33	83	71144	19.141	ug/l	100
31) Cyclohexane	7.61	56	58980	16.341	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	62363	20.097	ug/l	98
36) 1,1-Dichloropropene	7.75	75	50818	18.632	ug/l	100
37) Ethyl Acetate	6.88	43	54212	18.439	ug/l	100
38) Carbon Tetrachloride	7.73	117	54141	20.651	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	52611	17.919	ug/l	98
40) Benzene	8.00	78	148801	18.021	ug/l	100
41) Methacrylonitrile	7.13	41	23802	18.890	ug/l #	89
42) 1,2-Dichloroethane	8.09	62	62722	20.777	ug/l	97
43) Isopropyl Acetate	8.12	43	87084	18.374	ug/l	99
44) Trichloroethene	8.80	130	33995	18.256	ug/l	99
45) 1,2-Dichloropropane	9.09	63	41573	17.932	ug/l	97
46) Dibromomethane	9.18	93	26380	19.687	ug/l	99
47) Bromodichloromethane	9.37	83	58059	20.000	ug/l	96
48) Methyl methacrylate	9.17	41	42212	18.736	ug/l	98
49) 1,4-Dioxane	9.17	88	12930	373.660	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	264149	93.146	ug/l	100
52) Toluene	10.12	92	91729	19.131	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	62466	19.329	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	65956	19.020	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	35525	19.101	ug/l	97
56) Ethyl methacrylate	10.40	69	55874	17.908	ug/l	99
57) 1,3-Dichloropropane	10.68	76	64556	18.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	80950	91.752	ug/l	99
59) 2-Hexanone	10.72	43	190798	88.926	ug/l	99
60) Dibromochloromethane	10.87	129	41434	19.970	ug/l	99
61) 1,2-Dibromoethane	10.98	107	36687	18.944	ug/l	98
64) Tetrachloroethene	10.60	164	28855	18.983	ug/l	98
65) Chlorobenzene	11.40	112	92375	18.834	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	37139	20.129	ug/l	98
67) Ethyl Benzene	11.48	91	170140	18.920	ug/l	99
68) m/p-Xylenes	11.59	106	125975	38.975	ug/l	99
69) o-Xylene	11.92	106	59810	19.487	ug/l	100
70) Styrene	11.94	104	101114	19.502	ug/l	97
71) Bromoform	12.10	173	28228	20.376	ug/l #	100
73) Isopropylbenzene	12.22	105	162309	18.549	ug/l	98
74) N-amyl acetate	12.04	43	70238	17.974	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	56236	18.494	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	51945m	18.441	ug/l	
77) Bromobenzene	12.50	156	39426	18.749	ug/l	96
78) n-propylbenzene	12.56	91	193800	18.908	ug/l	99
79) 2-Chlorotoluene	12.65	91	120281	19.042	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	143739	19.803	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	17805	17.596	ug/l	89
82) 4-Chlorotoluene	12.75	91	124701	18.966	ug/l	99
83) tert-Butylbenzene	12.97	119	113532	18.837	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	138457	19.445	ug/l	98
85) sec-Butylbenzene	13.15	105	156948	19.451	ug/l	100
86) p-Isopropyltoluene	13.26	119	138943	20.021	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	68361	18.525	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	69269	19.068	ug/l	98
89) n-Butylbenzene	13.59	91	114830	19.257	ug/l	98
90) Hexachloroethane	13.85	117	27913	18.894	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	67503	19.131	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10754	19.479	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	28078	17.298	ug/l	95
94) Hexachlorobutadiene	14.98	225	22016	22.828	ug/l	99
95) Naphthalene	15.10	128	72801	17.441	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	29752	17.892	ug/l	98

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

