

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062702.D
 Acq On : 31 Jul 2020 22:45
 Operator : JC/MD
 Sample : VN0731WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:03:17 PM

Quant Time: Aug 01 06:23:43 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	158461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	133717	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
35) Dibromofluoromethane	7.55	113	88374	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.06	98	340387	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.38	95	124858	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32881	17.396	ug/l	98
3) Chloromethane	2.03	50	37186	14.505	ug/l	99
4) Vinyl Chloride	2.16	62	33833	15.224	ug/l	98
5) Bromomethane	2.51	94	20267	20.589	ug/l	97
6) Chloroethane	2.66	64	20271	20.164	ug/l	100
7) Trichlorofluoromethane	2.98	101	57439	22.013	ug/l	97
8) Diethyl Ether	3.37	74	20604	16.886	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30410	18.177	ug/l	95
10) Methyl Iodide	3.90	142	36571	17.099	ug/l	96
11) Tert butyl alcohol	4.74	59	37604	96.028	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	30206	17.803	ug/l	93
13) Acrolein	3.57	56	17076	48.838	ug/l	99
14) Allyl chloride	4.27	41	57735	15.731	ug/l	94
15) Acrylonitrile	4.93	53	92051	87.762	ug/l	99
16) Acetone	3.78	43	81283	87.748	ug/l	96
17) Carbon Disulfide	4.00	76	85800	15.391	ug/l	99
18) Methyl Acetate	4.28	43	47989	20.464	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	116525	18.659	ug/l	96
20) Methylene Chloride	4.50	84	38654	17.398	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	32959	17.502	ug/l	96
22) Diisopropyl ether	5.90	45	123281	16.899	ug/l	92
23) Vinyl Acetate	5.84	43	498503	83.395	ug/l	97
24) 1,1-Dichloroethane	5.80	63	69587	17.713	ug/l	97
25) 2-Butanone	6.79	43	121980	86.464	ug/l	100
26) 2,2-Dichloropropane	6.77	77	54653	16.947	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	37483	17.443	ug/l	97
28) Bromochloromethane	7.15	49	34487	17.838	ug/l	92
29) Tetrahydrofuran	7.17	42	81139	84.998	ug/l	95
30) Chloroform	7.33	83	70490	18.872	ug/l	99
31) Cyclohexane	7.61	56	59253	16.336	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	62594	20.072	ug/l	99
36) 1,1-Dichloropropene	7.75	75	50562	17.788	ug/l	99
37) Ethyl Acetate	6.88	43	49733	16.231	ug/l	97
38) Carbon Tetrachloride	7.73	117	56985	20.857	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51917	16.968	ug/l	98
40) Benzene	8.00	78	148332	17.237	ug/l	99
41) Methacrylonitrile	7.12	41	19961	15.201	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	61981	19.701	ug/l	97
43) Isopropyl Acetate	8.13	43	84462	17.100	ug/l #	91
44) Trichloroethene	8.80	130	34939	18.004	ug/l	99
45) 1,2-Dichloropropane	9.08	63	41372	17.123	ug/l	99
46) Dibromomethane	9.17	93	25894	18.543	ug/l	99
47) Bromodichloromethane	9.37	83	58911	19.472	ug/l	96
48) Methyl methacrylate	9.17	41	40820	17.385	ug/l	94
49) 1,4-Dioxane	9.17	88	13663	378.868	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	266771	90.265	ug/l	99
52) Toluene	10.12	92	91482	18.308	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61165	18.161	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	64936	17.969	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	36776	18.974	ug/l	95
56) Ethyl methacrylate	10.40	69	55474	17.144	ug/l	97
57) 1,3-Dichloropropane	10.68	76	63582	17.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	80691	88.484	ug/l	97
59) 2-Hexanone	10.72	43	190449	85.297	ug/l	99
60) Dibromochloromethane	10.87	129	41428	19.160	ug/l	95
61) 1,2-Dibromoethane	10.98	107	35235	17.458	ug/l	93
64) Tetrachloroethene	10.60	164	29925	18.770	ug/l	98
65) Chlorobenzene	11.41	112	93653	18.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	37419	19.335	ug/l	98
67) Ethyl Benzene	11.48	91	174202	18.469	ug/l	97
68) m/p-Xylenes	11.60	106	128334	37.854	ug/l	100
69) o-Xylene	11.92	106	60240	18.712	ug/l	95
70) Styrene	11.94	104	103972	19.119	ug/l	98
71) Bromoform	12.10	173	29450	20.267	ug/l #	99
73) Isopropylbenzene	12.22	105	168223	19.063	ug/l	98
74) N-amyl acetate	12.05	43	68890	17.480	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	54621	17.811	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	51366m	18.082	ug/l	
77) Bromobenzene	12.50	156	40536	19.114	ug/l	94
78) n-propylbenzene	12.57	91	190376	18.417	ug/l	100
79) 2-Chlorotoluene	12.65	91	119476	18.754	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	147561	20.158	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	17785	17.428	ug/l	94
82) 4-Chlorotoluene	12.75	91	121699	18.353	ug/l	99
83) tert-Butylbenzene	12.97	119	121273	19.952	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	140654	19.587	ug/l	99
85) sec-Butylbenzene	13.15	105	159409	19.589	ug/l	99
86) p-Isopropyltoluene	13.26	119	136935	19.565	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	67503	18.138	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	68773	18.772	ug/l	98
89) n-Butylbenzene	13.59	91	107627	17.897	ug/l	100
90) Hexachloroethane	13.85	117	27371	18.370	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	67191	18.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11113	19.960	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	27656	16.967	ug/l	97
94) Hexachlorobutadiene	14.98	225	21381	21.966	ug/l	97
95) Naphthalene	15.10	128	70094	16.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	28522	17.008	ug/l	100

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

