

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063077.D
 Acq On : 21 Aug 2020 13:48
 Operator : JC/MD
 Sample : VN0821WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Manual Integrations
 APPROVED

sam
 8/24/2020 5:52:18 PM

Quant Time: Aug 22 01:32:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	163444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	245787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	235871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107463	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	99160	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.55	113	81826	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.06	98	308953	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.38	95	105879	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41699	19.696	ug/l	99
3) Chloromethane	2.03	50	46710	20.843	ug/l	99
4) Vinyl Chloride	2.16	62	46476	21.444	ug/l	98
5) Bromomethane	2.53	94	27279	21.206	ug/l	99
6) Chloroethane	2.67	64	27559	21.537	ug/l	100
7) Trichlorofluoromethane	2.98	101	56291	20.827	ug/l	96
8) Diethyl Ether	3.38	74	18038	18.865	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	28183	19.351	ug/l	98
10) Methyl Iodide	3.91	142	34607	18.747	ug/l	99
11) Tert butyl alcohol	4.73	59	22450	81.820	ug/l	97
12) 1,1-Dichloroethene	3.70	96	25140	18.121	ug/l	97
13) Acrolein	3.57	56	4438	51.630	ug/l	97
14) Allyl chloride	4.27	41	45809	18.727	ug/l	99
15) Acrylonitrile	4.93	53	79543	98.631	ug/l	99
16) Acetone	3.78	43	65288	105.818	ug/l	95
17) Carbon Disulfide	4.01	76	65704	18.083	ug/l	100
18) Methyl Acetate	4.28	43	37850	19.662	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	95158	19.667	ug/l	97
20) Methylene Chloride	4.51	84	35096	19.741	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	28281	19.479	ug/l	96
22) Diisopropyl ether	5.91	45	116235	20.939	ug/l	95
23) Vinyl Acetate	5.85	43	354108	94.532	ug/l	100
24) 1,1-Dichloroethane	5.80	63	62247	20.067	ug/l	98
25) 2-Butanone	6.79	43	97466	94.773	ug/l	96
26) 2,2-Dichloropropane	6.78	77	50115	20.543	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	35144	19.312	ug/l	99
28) Bromochloromethane	7.15	49	31154	19.195	ug/l	97
29) Tetrahydrofuran	7.17	42	65254	98.312	ug/l	97
30) Chloroform	7.33	83	62823	20.109	ug/l	99
31) Cyclohexane	7.62	56	53740	18.823	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	50943	19.974	ug/l	99
36) 1,1-Dichloropropene	7.75	75	41063	18.958	ug/l	99
37) Ethyl Acetate	6.88	43	39850	19.635	ug/l	98
38) Carbon Tetrachloride	7.73	117	42930	19.632	ug/l	98

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

39) Methylcyclohexane	9.05	83	48079	17.490	ug/l	96
40) Benzene	8.00	78	134380	19.561	ug/l	100
41) Methacrylonitrile	7.13	41	16255	16.810	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	47540	20.610	ug/l	86
43) Isopropyl Acetate	8.13	43	64845	19.285	ug/l #	92
44) Trichloroethene	8.80	130	32753	19.167	ug/l	98
45) 1,2-Dichloropropane	9.08	63	39155	19.718	ug/l	99
46) Dibromomethane	9.17	93	23178	20.204	ug/l	98
47) Bromodichloromethane	9.37	83	50689	20.174	ug/l	99
48) Methyl methacrylate	9.17	41	29699	18.668	ug/l	99
49) 1,4-Dioxane	9.17	88	10412	308.158	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	209293	98.476	ug/l	98
52) Toluene	10.12	92	81994	19.786	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	50999	19.628	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	55734	19.554	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	35890	20.254	ug/l	99
56) Ethyl methacrylate	10.40	69	45980	17.957	ug/l	95
57) 1,3-Dichloropropane	10.68	76	58106	19.747	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	41243	71.161	ug/l	98
59) 2-Hexanone	10.72	43	142698	96.257	ug/l	98
60) Dibromochloromethane	10.87	129	38771	19.771	ug/l	100
61) 1,2-Dibromoethane	10.98	107	34107	20.032	ug/l	100
64) Tetrachloroethene	10.60	164	29473	19.009	ug/l	97
65) Chlorobenzene	11.41	112	90085	19.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	35414	19.220	ug/l	98
67) Ethyl Benzene	11.49	91	150362	18.785	ug/l	99
68) m/p-Xylenes	11.60	106	115708	38.894	ug/l	100
69) o-Xylene	11.92	106	53883	18.861	ug/l	97
70) Styrene	11.94	104	96001	18.206	ug/l	99
71) Bromoform	12.10	173	28337	19.321	ug/l #	99
73) Isopropylbenzene	12.23	105	147891	20.096	ug/l	99
74) N-amyl acetate	12.05	43	52904	20.072	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53528	21.584	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	43934m	21.033	ug/l	
77) Bromobenzene	12.50	156	41045	20.280	ug/l	99
78) n-propylbenzene	12.57	91	173536	20.688	ug/l	99
79) 2-Chlorotoluene	12.65	91	105412	19.980	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	125356	20.606	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	15799	20.773	ug/l	97
82) 4-Chlorotoluene	12.75	91	109483	20.379	ug/l	100
83) tert-Butylbenzene	12.97	119	105876	20.165	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	120772	20.378	ug/l	100
85) sec-Butylbenzene	13.15	105	143799	20.265	ug/l	99
86) p-Isopropyltoluene	13.26	119	121695	19.682	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	68478	19.687	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	69201	19.601	ug/l	99
89) n-Butylbenzene	13.59	91	94286	17.968	ug/l	99
90) Hexachloroethane	13.85	117	26145	19.894	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	68152	20.284	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7979	21.529	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	27447	17.943	ug/l	97
94) Hexachlorobutadiene	14.99	225	22864	18.415	ug/l	98
95) Naphthalene	15.11	128	58241	17.693	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	27228	17.696	ug/l	96

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

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