

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063701.D
 Acq On : 28 Sep 2020 13:28
 Operator : JC/MD
 Sample : VN0928WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 4:37:58 PM

Quant Time: Sep 29 03:53:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	234223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	403598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	372340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209171	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
35) Dibromofluoromethane	7.55	113	145575	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.06	98	525851	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.38	95	193937	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44341	16.710	ug/l	96
3) Chloromethane	2.04	50	56698	16.152	ug/l	98
4) Vinyl Chloride	2.16	62	55336	17.792	ug/l	98
5) Bromomethane	2.53	94	39012	21.126	ug/l	97
6) Chloroethane	2.67	64	36570	19.155	ug/l	92
7) Trichlorofluoromethane	2.99	101	93972	20.252	ug/l	98
8) Diethyl Ether	3.38	74	31390	17.353	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48581	18.616	ug/l	96
10) Methyl Iodide	3.91	142	58642	17.260	ug/l	98
11) Tert butyl alcohol	4.73	59	46363	83.937	ug/l	96
12) 1,1-Dichloroethene	3.70	96	44976	17.016	ug/l	96
13) Acrolein	3.57	56	13991	68.351	ug/l	95
14) Allyl chloride	4.27	41	88751	16.975	ug/l	93
15) Acrylonitrile	4.93	53	128421	91.403	ug/l	96
16) Acetone	3.78	43	121380	94.726	ug/l	100
17) Carbon Disulfide	4.01	76	118846	15.458	ug/l	97
18) Methyl Acetate	4.28	43	70317	21.616	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	176465	17.913	ug/l	99
20) Methylene Chloride	4.50	84	59069	18.194	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	51156	17.469	ug/l	91
22) Diisopropyl ether	5.90	45	187268	17.563	ug/l	96
23) Vinyl Acetate	5.85	43	771946	88.150	ug/l	99
24) 1,1-Dichloroethane	5.80	63	108205	18.587	ug/l	99
25) 2-Butanone	6.79	43	184418	93.578	ug/l	97
26) 2,2-Dichloropropane	6.78	77	95269	18.587	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	60081	18.126	ug/l	97
28) Bromochloromethane	7.15	49	58167	21.640	ug/l	98
29) Tetrahydrofuran	7.17	42	121220	90.061	ug/l	98
30) Chloroform	7.33	83	113353	19.408	ug/l	99
31) Cyclohexane	7.61	56	86247	15.662	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	102058	19.646	ug/l	99
36) 1,1-Dichloropropene	7.76	75	75418	17.540	ug/l	98
37) Ethyl Acetate	6.88	43	83063	19.683	ug/l	97
38) Carbon Tetrachloride	7.73	117	84486	19.249	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	71533	15.329	ug/l	97
40) Benzene	8.00	78	230257	18.759	ug/l	100
41) Methacrylonitrile	7.14	41	38577m	20.325	ug/l	
42) 1,2-Dichloroethane	8.09	62	98803	20.017	ug/l	99
43) Isopropyl Acetate	8.13	43	134278	17.795	ug/l	99
44) Trichloroethene	8.80	130	56724	19.054	ug/l	97
45) 1,2-Dichloropropane	9.09	63	64929	19.423	ug/l	93
46) Dibromomethane	9.18	93	43008	19.574	ug/l	99
47) Bromodichloromethane	9.37	83	87679	19.208	ug/l #	97
48) Methyl methacrylate	9.17	41	64873	17.499	ug/l	98
49) 1,4-Dioxane	9.16	88	19109	359.175	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	411198	97.338	ug/l	98
52) Toluene	10.13	92	140234	19.003	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	94899	18.623	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	99129	18.442	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	58472	19.948	ug/l	99
56) Ethyl methacrylate	10.40	69	79810	17.441	ug/l	97
57) 1,3-Dichloropropane	10.68	76	99784	18.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	201922	84.117	ug/l	97
59) 2-Hexanone	10.72	43	294562	96.247	ug/l	97
60) Dibromochloromethane	10.87	129	63234	19.095	ug/l	100
61) 1,2-Dibromoethane	10.97	107	59927	19.678	ug/l	98
64) Tetrachloroethene	10.60	164	53203	20.984	ug/l	96
65) Chlorobenzene	11.41	112	150618	19.057	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	59469	20.526	ug/l	96
67) Ethyl Benzene	11.49	91	270050	18.143	ug/l	99
68) m/p-Xylenes	11.60	106	200942	37.444	ug/l	97
69) o-Xylene	11.92	106	93702	18.329	ug/l	98
70) Styrene	11.94	104	161323	18.818	ug/l	99
71) Bromoform	12.10	173	43118	19.977	ug/l #	97
73) Isopropylbenzene	12.23	105	258476	18.337	ug/l	100
74) N-amyl acetate	12.05	43	112542	16.867	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84809	19.432	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	78378m	18.002	ug/l	
77) Bromobenzene	12.50	156	64284	20.274	ug/l	93
78) n-propylbenzene	12.57	91	296437	18.056	ug/l	99
79) 2-Chlorotoluene	12.65	91	184143	18.711	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	219264	18.654	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	26217	16.509	ug/l	91
82) 4-Chlorotoluene	12.75	91	192671	18.529	ug/l	100
83) tert-Butylbenzene	12.97	119	175097	18.049	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	216645	18.248	ug/l	100
85) sec-Butylbenzene	13.14	105	233303	17.966	ug/l	99
86) p-Isopropyltoluene	13.26	119	208473	18.202	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	114713	19.519	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	113053	18.921	ug/l	98
89) n-Butylbenzene	13.59	91	174950	16.572	ug/l	98
90) Hexachloroethane	13.85	117	38021	17.434	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	111221	19.276	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18241	17.551	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	56728	16.677	ug/l	99
94) Hexachlorobutadiene	14.98	225	28457	20.208	ug/l	98
95) Naphthalene	15.10	128	172685	15.366	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	55382	16.851	ug/l	99

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

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