

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063530.D
 Acq On : 22 Sep 2020 14:09
 Operator : JC/MD
 Sample : VN0922WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:05:44 PM

Quant Time: Sep 23 04:16:16 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	7.62	168	264621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	455419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193193	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	222784	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.55	113	157976	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.06	98	587661	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.38	95	225038	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52404	17.480	ug/l	97
3) Chloromethane	2.04	50	64043	16.148	ug/l	99
4) Vinyl Chloride	2.16	62	64037	18.225	ug/l	96
5) Bromomethane	2.53	94	41837	20.054	ug/l	99
6) Chloroethane	2.68	64	39448	18.289	ug/l	94
7) Trichlorofluoromethane	2.99	101	102291	19.512	ug/l	95
8) Diethyl Ether	3.37	74	38513	18.845	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56225	19.071	ug/l	99
10) Methyl Iodide	3.91	142	67872	17.682	ug/l	99
11) Tert butyl alcohol	4.72	59	48184	77.213	ug/l	98
12) 1,1-Dichloroethene	3.70	96	53844	18.031	ug/l	99
13) Acrolein	3.57	56	20356	88.022	ug/l	99
14) Allyl chloride	4.27	41	100933	17.087	ug/l	96
15) Acrylonitrile	4.93	53	140702	88.640	ug/l	99
16) Acetone	3.77	43	122375	84.531	ug/l	100
17) Carbon Disulfide	4.01	76	143229	16.489	ug/l	99
18) Methyl Acetate	4.28	43	67250	18.299	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	198593	17.843	ug/l	95
20) Methylene Chloride	4.51	84	67589	18.427	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	58951	17.818	ug/l	89
22) Diisopropyl ether	5.90	45	217335	18.041	ug/l	94
23) Vinyl Acetate	5.84	43	886604	89.613	ug/l	100
24) 1,1-Dichloroethane	5.79	63	116868	17.769	ug/l	99
25) 2-Butanone	6.78	43	193005	86.685	ug/l	100
26) 2,2-Dichloropropane	6.77	77	99523	17.187	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	68992	18.423	ug/l	100
28) Bromochloromethane	7.15	49	55332	18.221	ug/l	98
29) Tetrahydrofuran	7.16	42	129954	85.459	ug/l	98
30) Chloroform	7.33	83	121232	18.372	ug/l	98
31) Cyclohexane	7.61	56	101970	16.391	ug/l	# 95
32) 1,1,1-Trichloroethane	7.53	97	107351	18.291	ug/l	98
36) 1,1-Dichloropropene	7.75	75	85753	17.674	ug/l	97
37) Ethyl Acetate	6.88	43	80310	16.865	ug/l	97
38) Carbon Tetrachloride	7.73	117	91779	18.531	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	89856	17.064	ug/l	99
40) Benzene	8.00	78	255074	18.417	ug/l	99
41) Methacrylonitrile	7.13	41	38483m	17.968	ug/l	
42) 1,2-Dichloroethane	8.08	62	104676	18.793	ug/l	99
43) Isopropyl Acetate	8.13	43	150740	17.703	ug/l	98
44) Trichloroethene	8.80	130	64899	19.319	ug/l	99
45) 1,2-Dichloropropane	9.08	63	71741	19.018	ug/l	97
46) Dibromomethane	9.17	93	46564	18.781	ug/l	99
47) Bromodichloromethane	9.37	83	95109	18.465	ug/l	98
48) Methyl methacrylate	9.16	41	72999	17.450	ug/l	96
49) 1,4-Dioxane	9.17	88	19453	324.036	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	425831	89.332	ug/l	99
52) Toluene	10.12	92	159026	19.097	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	103603	18.017	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	108635	17.911	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	64732	19.571	ug/l	98
56) Ethyl methacrylate	10.40	69	92394	17.893	ug/l	98
57) 1,3-Dichloropropane	10.68	76	111404	18.677	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	232487	85.829	ug/l	98
59) 2-Hexanone	10.72	43	303700	87.941	ug/l	100
60) Dibromochloromethane	10.87	129	67647	18.103	ug/l	99
61) 1,2-Dibromoethane	10.97	107	65269	18.994	ug/l	97
64) Tetrachloroethene	10.60	164	59600	20.747	ug/l	93
65) Chlorobenzene	11.41	112	163963	18.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	62515	19.043	ug/l	99
67) Ethyl Benzene	11.48	91	310590	18.416	ug/l	99
68) m/p-Xylenes	11.59	106	221641	36.450	ug/l	99
69) o-Xylene	11.92	106	109502	18.904	ug/l	99
70) Styrene	11.94	104	184408	18.984	ug/l	99
71) Bromoform	12.10	173	42863	17.527	ug/l #	99
73) Isopropylbenzene	12.22	105	292264	18.878	ug/l	99
74) N-amyl acetate	12.05	43	125730	17.156	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	89367	18.643	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	80929m	16.924	ug/l	
77) Bromobenzene	12.50	156	70087	20.126	ug/l	94
78) n-propylbenzene	12.57	91	342578	18.999	ug/l	100
79) 2-Chlorotoluene	12.65	91	202636	18.747	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	246080	19.062	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	29454	16.887	ug/l	98
82) 4-Chlorotoluene	12.75	91	219638	19.232	ug/l	99
83) tert-Butylbenzene	12.97	119	197873	18.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	249029	19.098	ug/l	100
85) sec-Butylbenzene	13.14	105	265365	18.606	ug/l	100
86) p-Isopropyltoluene	13.26	119	230412	18.317	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	123140	19.078	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	124524	18.975	ug/l	98
89) n-Butylbenzene	13.59	91	214644	18.512	ug/l	98
90) Hexachloroethane	13.85	117	40066	16.727	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	120527	19.020	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19367	16.967	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	65784	17.609	ug/l	98
94) Hexachlorobutadiene	14.98	225	31694	20.493	ug/l	96
95) Naphthalene	15.10	128	213370	17.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	63364	17.554	ug/l	96

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

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