

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065012.D
 Acq On : 9 Dec 2020 11:46
 Operator : JC/MD
 Sample : VN1209WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:14:27 AM

Quant Time: Dec 10 04:29:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	202512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	312957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	281436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	107013	45.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.90%
35) Dibromofluoromethane	7.55	113	94646	50.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.08%
50) Toluene-d8	10.06	98	358432	46.85	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.70%
62) 4-Bromofluorobenzene	12.37	95	126140	46.07	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.14%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	26343	15.009	ug/l	97
3) Chloromethane	2.04	50	35569	15.595	ug/l	100
4) Vinyl Chloride	2.17	62	38694	16.272	ug/l	98
5) Bromomethane	2.53	94	27034	17.328	ug/l	100
6) Chloroethane	2.68	64	24926	16.948	ug/l	100
7) Trichlorofluoromethane	2.99	101	57497	17.492	ug/l	96
8) Diethyl Ether	3.37	74	22529	17.364	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	36003	18.259	ug/l	99
10) Methyl Iodide	3.91	142	39700	15.522	ug/l	99
11) Tert butyl alcohol	4.74	59	28355	77.227	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	33464	17.041	ug/l	99
13) Acrolein	3.56	56	17226	76.809	ug/l	93
14) Allyl chloride	4.27	41	53673	16.571	ug/l	99
15) Acrylonitrile	4.93	53	85761	84.552	ug/l	98
16) Acetone	3.77	43	84311	108.938	ug/l	98
17) Carbon Disulfide	4.01	76	78402	15.466	ug/l	99
18) Methyl Acetate	4.28	43	42256	18.160	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	109327	17.358	ug/l	97
20) Methylene Chloride	4.50	84	41193	16.986	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	37061	16.995	ug/l	98
22) Diisopropyl ether	5.90	45	120682	18.615	ug/l	99
23) Vinyl Acetate	5.84	43	449589	86.722	ug/l	100
24) 1,1-Dichloroethane	5.79	63	69589	17.961	ug/l	98
25) 2-Butanone	6.78	43	112666	89.803	ug/l	96
26) 2,2-Dichloropropane	6.77	77	59704	17.767	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	42619	17.368	ug/l	99
28) Bromochloromethane	7.15	49	31679	17.873	ug/l	97
29) Tetrahydrofuran	7.16	42	69492	80.242	ug/l	99
30) Chloroform	7.33	83	73136	18.305	ug/l	99
31) Cyclohexane	7.61	56	53603	16.336	ug/l #	96
32) 1,1,1-Trichloroethane	7.53	97	62137	18.107	ug/l	99
36) 1,1-Dichloropropene	7.75	75	50830	17.523	ug/l	99
37) Ethyl Acetate	6.88	43	44972	16.095	ug/l	99
38) Carbon Tetrachloride	7.73	117	55228	18.298	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51188	16.392	ug/l	97
40) Benzene	8.00	78	159866	17.985	ug/l	100
41) Methacrylonitrile	7.13	41	20919	16.225	ug/l	94
42) 1,2-Dichloroethane	8.08	62	53508	17.844	ug/l	99
43) Isopropyl Acetate	8.13	43	77678	17.276	ug/l	98
44) Trichloroethene	8.80	130	45195	17.232	ug/l	99
45) 1,2-Dichloropropane	9.08	63	43285	18.803	ug/l	98
46) Dibromomethane	9.17	93	28248	18.368	ug/l	97
47) Bromodichloromethane	9.37	83	57643	18.628	ug/l	99
48) Methyl methacrylate	9.16	41	35029	16.304	ug/l	97
49) 1,4-Dioxane	9.16	88	13316	327.925	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	230176	85.271	ug/l	100
52) Toluene	10.12	92	102261	18.680	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	60605	17.584	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	66677	18.049	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	41435	18.407	ug/l	98
56) Ethyl methacrylate	10.40	69	54496	17.543	ug/l	99
57) 1,3-Dichloropropane	10.68	76	68738	18.511	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	140362	82.144	ug/l	98
59) 2-Hexanone	10.72	43	167645	86.296	ug/l	97
60) Dibromochloromethane	10.87	129	46484	18.577	ug/l	97
61) 1,2-Dibromoethane	10.97	107	41107	17.974	ug/l	98
64) Tetrachloroethene	10.60	164	46267	16.898	ug/l	99
65) Chlorobenzene	11.40	112	111554	18.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	43288	19.489	ug/l	99
67) Ethyl Benzene	11.48	91	179766	17.805	ug/l	97
68) m/p-Xylenes	11.59	106	143140	37.446	ug/l	100
69) o-Xylene	11.92	106	68000	18.746	ug/l	98
70) Styrene	11.94	104	114648	18.722	ug/l	98
71) Bromoform	12.10	173	31282	17.634	ug/l #	99
73) Isopropylbenzene	12.22	105	180264	19.039	ug/l	100
74) N-amyl acetate	12.04	43	61531	16.513	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	53067	19.122	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	54626m	18.634	ug/l	
77) Bromobenzene	12.50	156	46919	18.380	ug/l	98
78) n-propylbenzene	12.56	91	200538	18.592	ug/l	99
79) 2-Chlorotoluene	12.65	91	125198	18.777	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	153592	19.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	17999	16.828	ug/l	94
82) 4-Chlorotoluene	12.75	91	129588	18.542	ug/l	99
83) tert-Butylbenzene	12.96	119	122960	18.640	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	152897	19.215	ug/l	99
85) sec-Butylbenzene	13.14	105	163876	18.710	ug/l	99
86) p-Isopropyltoluene	13.26	119	150631	18.890	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	83891	18.498	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	85463	17.819	ug/l	99
89) n-Butylbenzene	13.59	91	120053	17.144	ug/l	99
90) Hexachloroethane	13.85	117	26553	19.168	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	82868	18.609	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9791	15.680	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41025	14.893	ug/l	99
94) Hexachlorobutadiene	14.98	225	23652	19.297	ug/l	97
95) Naphthalene	15.10	128	112991	13.691	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	40131	16.295	ug/l	98

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

