

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063650.D
 Acq On : 25 Sep 2020 1:02
 Operator : JC/MD
 Sample : VN0924WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:17:32 PM

Quant Time: Sep 25 06:01:03 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	237669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	421935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	193656	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	7.55	113	135691	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
50) Toluene-d8	10.06	98	500569	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
62) 4-Bromofluorobenzene	12.38	95	186641	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47280	17.559	ug/l	99
3) Chloromethane	2.04	50	60702	17.042	ug/l	99
4) Vinyl Chloride	2.17	62	59265	18.779	ug/l	96
5) Bromomethane	2.54	94	39951	21.321	ug/l	97
6) Chloroethane	2.68	64	39225	20.248	ug/l	99
7) Trichlorofluoromethane	2.99	101	94725	20.118	ug/l	99
8) Diethyl Ether	3.37	74	34185	18.624	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49223	18.589	ug/l	96
10) Methyl Iodide	3.91	142	62208	18.044	ug/l	96
11) Tert butyl alcohol	4.73	59	44991	80.272	ug/l	99
12) 1,1-Dichloroethene	3.70	96	48963	18.256	ug/l	97
13) Acrolein	3.57	56	16058	77.311	ug/l	99
14) Allyl chloride	4.28	41	83426	15.725	ug/l	86
15) Acrylonitrile	4.93	53	132883	93.207	ug/l	100
16) Acetone	3.78	43	125142	96.246	ug/l	100
17) Carbon Disulfide	4.02	76	129826	16.641	ug/l	99
18) Methyl Acetate	4.28	43	66333	20.096	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	182110	18.218	ug/l	98
20) Methylene Chloride	4.51	84	62217	18.886	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	52983	17.830	ug/l	88
22) Diisopropyl ether	5.91	45	202638	18.728	ug/l	98
23) Vinyl Acetate	5.85	43	810479	91.209	ug/l	98
24) 1,1-Dichloroethane	5.80	63	111697	18.909	ug/l	98
25) 2-Butanone	6.78	43	185168	92.596	ug/l	100
26) 2,2-Dichloropropane	6.78	77	74034	14.235	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	63724	18.946	ug/l	98
28) Bromochloromethane	7.15	49	54145	19.852	ug/l	98
29) Tetrahydrofuran	7.16	42	120475	88.210	ug/l	99
30) Chloroform	7.33	83	116671	19.686	ug/l	99
31) Cyclohexane	7.62	56	92239	16.508	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	101763	19.305	ug/l	97
36) 1,1-Dichloropropene	7.76	75	79901	17.775	ug/l	100
37) Ethyl Acetate	6.88	43	80322	18.206	ug/l	97
38) Carbon Tetrachloride	7.74	117	86977	18.955	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74531	15.277	ug/l	97
40) Benzene	8.00	78	238589	18.593	ug/l	100
41) Methacrylonitrile	7.14	41	42894m	21.617	ug/l	
42) 1,2-Dichloroethane	8.09	62	101125	19.597	ug/l	97
43) Isopropyl Acetate	8.13	43	139444	17.676	ug/l #	90
44) Trichloroethene	8.80	130	60974	19.591	ug/l	100
45) 1,2-Dichloropropane	9.09	63	66141	18.925	ug/l	99
46) Dibromomethane	9.18	93	44515	19.379	ug/l	98
47) Bromodichloromethane	9.37	83	92017	19.283	ug/l	97
48) Methyl methacrylate	9.17	41	66843	17.246	ug/l	97
49) 1,4-Dioxane	9.16	88	18384	330.531	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	413546	93.639	ug/l	99
52) Toluene	10.13	92	146744	19.021	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	91657	17.205	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	96681	17.205	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	60766	19.829	ug/l	98
56) Ethyl methacrylate	10.40	69	81651	17.068	ug/l	96
57) 1,3-Dichloropropane	10.68	76	103868	18.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	209836	83.615	ug/l	97
59) 2-Hexanone	10.72	43	295176	92.256	ug/l	100
60) Dibromochloromethane	10.87	129	65050	18.790	ug/l	97
61) 1,2-Dibromoethane	10.98	107	61555	19.334	ug/l	99
64) Tetrachloroethene	10.60	164	55914	21.188	ug/l	97
65) Chlorobenzene	11.41	112	155360	18.885	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	58596	19.431	ug/l	98
67) Ethyl Benzene	11.49	91	282983	18.266	ug/l	99
68) m/p-Xylenes	11.59	106	209660	37.534	ug/l	98
69) o-Xylene	11.92	106	98451	18.502	ug/l	98
70) Styrene	11.94	104	170499	19.107	ug/l	98
71) Bromoform	12.10	173	41436	18.444	ug/l #	98
73) Isopropylbenzene	12.23	105	269187	18.305	ug/l	100
74) N-amyl acetate	12.05	43	116063	16.673	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	85652	18.811	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	85829m	18.896	ug/l	
77) Bromobenzene	12.50	156	64956	19.636	ug/l	94
78) n-propylbenzene	12.57	91	312414	18.240	ug/l	100
79) 2-Chlorotoluene	12.65	91	189574	18.464	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	227421	18.546	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	24459	14.763	ug/l	92
82) 4-Chlorotoluene	12.75	91	196478	18.111	ug/l	99
83) tert-Butylbenzene	12.97	119	182395	18.022	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	227163	18.340	ug/l	99
85) sec-Butylbenzene	13.15	105	240197	17.730	ug/l	99
86) p-Isopropyltoluene	13.26	119	212904	17.818	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118368	19.306	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	114901	18.433	ug/l	98
89) n-Butylbenzene	13.59	91	180706	16.407	ug/l	99
90) Hexachloroethane	13.85	117	37974	16.690	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	114431	19.010	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17886	16.496	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	60061	16.925	ug/l	99
94) Hexachlorobutadiene	14.98	225	28675	19.519	ug/l	99
95) Naphthalene	15.11	128	189069	16.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	59172	17.257	ug/l	99

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

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