

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062460.D
 Acq On : 9 Jul 2020 17:24
 Operator : JC/MD
 Sample : VN0709WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:18 AM

Quant Time: Jul 10 01:33:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	219309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	343344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	171388	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.55	113	120623	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.06	98	464828	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.38	95	169095	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38813	17.375	ug/l	97
3) Chloromethane	2.03	50	61550	17.172	ug/l	97
4) Vinyl Chloride	2.16	62	55265	18.819	ug/l	99
5) Bromomethane	2.53	94	26955	17.091	ug/l	100
6) Chloroethane	2.67	64	33485	19.578	ug/l	96
7) Trichlorofluoromethane	2.98	101	71635	19.207	ug/l	100
8) Diethyl Ether	3.37	74	32760	19.643	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	42637	19.285	ug/l	100
10) Methyl Iodide	3.91	142	38334	13.131	ug/l	100
11) Tert butyl alcohol	4.73	59	57873	103.425	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	42248	18.769	ug/l	100
13) Acrolein	3.57	56	31294	77.526	ug/l	100
14) Allyl chloride	4.27	41	95569	18.052	ug/l	98
15) Acrylonitrile	4.93	53	145040	98.832	ug/l	99
16) Acetone	3.78	43	127060	88.721	ug/l	99
17) Carbon Disulfide	4.01	76	122450	17.360	ug/l	99
18) Methyl Acetate	4.28	43	68039	19.037	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	170062	19.927	ug/l	98
20) Methylene Chloride	4.50	84	55392	18.090	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	45695	18.738	ug/l	94
22) Diisopropyl ether	5.90	45	200486	19.168	ug/l	99
23) Vinyl Acetate	5.84	43	835798	96.464	ug/l	100
24) 1,1-Dichloroethane	5.80	63	103014	19.060	ug/l	99
25) 2-Butanone	6.78	43	198759	95.030	ug/l	98
26) 2,2-Dichloropropane	6.78	77	79034	19.072	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	55835	19.767	ug/l	97
28) Bromochloromethane	7.15	49	56750	19.327	ug/l	96
29) Tetrahydrofuran	7.17	42	137342	97.534	ug/l	98
30) Chloroform	7.33	83	95432	19.556	ug/l	98
31) Cyclohexane	7.61	56	88091	17.193	ug/l	90
32) 1,1,1-Trichloroethane	7.53	97	77647	19.129	ug/l	98
36) 1,1-Dichloropropene	7.75	75	69767	18.336	ug/l	98
37) Ethyl Acetate	6.88	43	84910	19.084	ug/l	100
38) Carbon Tetrachloride	7.73	117	66411	19.414	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75875	18.678	ug/l	98
40) Benzene	8.00	78	213990	19.082	ug/l	99
41) Methacrylonitrile	7.13	41	37020	19.915	ug/l	94
42) 1,2-Dichloroethane	8.08	62	83858	20.422	ug/l	100
43) Isopropyl Acetate	8.13	43	137442	19.555	ug/l	94
44) Trichloroethene	8.80	130	47923	19.261	ug/l	97
45) 1,2-Dichloropropane	9.08	63	61823	18.991	ug/l	99
46) Dibromomethane	9.17	93	36540	19.890	ug/l	99
47) Bromodichloromethane	9.37	83	75227	19.153	ug/l	98
48) Methyl methacrylate	9.17	41	65474	18.991	ug/l	97
49) 1,4-Dioxane	9.17	88	20122	400.979	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	415401	98.952	ug/l	98
52) Toluene	10.12	92	126391	19.512	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	85892	19.519	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	94076	19.377	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	51921	20.380	ug/l	98
56) Ethyl methacrylate	10.40	69	84507	19.119	ug/l	99
57) 1,3-Dichloropropane	10.68	76	95250	20.237	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	144073	95.324	ug/l	98
59) 2-Hexanone	10.72	43	298466	97.933	ug/l	98
60) Dibromochloromethane	10.87	129	55461	20.078	ug/l	98
61) 1,2-Dibromoethane	10.98	107	52253	20.318	ug/l	99
64) Tetrachloroethene	10.60	164	38945	19.115	ug/l	99
65) Chlorobenzene	11.41	112	133024	19.935	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	48920	19.880	ug/l	98
67) Ethyl Benzene	11.48	91	241643	19.292	ug/l	99
68) m/p-Xylenes	11.60	106	173732	39.180	ug/l	99
69) o-Xylene	11.92	106	85967	19.912	ug/l	96
70) Styrene	11.94	104	141673	19.855	ug/l	100
71) Bromoform	12.10	173	36490	20.228	ug/l #	100
73) Isopropylbenzene	12.22	105	226627	19.494	ug/l	99
74) N-amyl acetate	12.05	43	113806	20.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79202	20.262	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75031m	20.355	ug/l	
77) Bromobenzene	12.50	156	51746	19.579	ug/l	98
78) n-propylbenzene	12.57	91	263685	19.418	ug/l	99
79) 2-Chlorotoluene	12.65	91	161452	19.590	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	191495	20.094	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	24612	17.871	ug/l	99
82) 4-Chlorotoluene	12.75	91	164792	19.695	ug/l	99
83) tert-Butylbenzene	12.97	119	159555	19.729	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	187925	19.839	ug/l	99
85) sec-Butylbenzene	13.15	105	211037	19.692	ug/l	100
86) p-Isopropyltoluene	13.26	119	183392	19.827	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	89661	19.665	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	90299	19.248	ug/l	99
89) n-Butylbenzene	13.59	91	155304	19.016	ug/l	99
90) Hexachloroethane	13.85	117	33873	18.617	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	88393	20.052	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14655	20.545	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	40516	19.308	ug/l	99
94) Hexachlorobutadiene	14.98	225	23641	20.198	ug/l	97
95) Naphthalene	15.10	128	116315	21.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	42211	19.858	ug/l	98

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

