

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064454.D
 Acq On : 5 Nov 2020 12:24
 Operator : JC/MD
 Sample : VN1105WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 8:51:16 AM

Quant Time: Nov 06 03:01:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	310228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	540783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	508240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	262285	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	7.55	113	179708	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.06	98	665806	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
62) 4-Bromofluorobenzene	12.38	95	243056	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	73547	18.212	ug/l	97
3) Chloromethane	2.04	50	86930	17.722	ug/l	98
4) Vinyl Chloride	2.16	62	91470	18.159	ug/l	97
5) Bromomethane	2.53	94	60118	18.682	ug/l	97
6) Chloroethane	2.67	64	59549	18.465	ug/l	98
7) Trichlorofluoromethane	2.98	101	138922	18.730	ug/l	100
8) Diethyl Ether	3.37	74	48544	18.533	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	63468	18.019	ug/l	99
10) Methyl Iodide	3.91	142	71103	17.373	ug/l	99
11) Tert butyl alcohol	4.75	59	58056	97.423	ug/l	100
12) 1,1-Dichloroethene	3.69	96	60141	18.127	ug/l	87
13) Acrolein	3.57	56	29884	80.847	ug/l	96
14) Allyl chloride	4.27	41	112517	17.336	ug/l	98
15) Acrylonitrile	4.93	53	160534	96.760	ug/l	100
16) Acetone	3.78	43	173157	84.124	ug/l	98
17) Carbon Disulfide	4.00	76	174116	17.549	ug/l	98
18) Methyl Acetate	4.28	43	73720	18.217	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	212388	17.786	ug/l	99
20) Methylene Chloride	4.50	84	72999	17.875	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	66544	17.664	ug/l	91
22) Diisopropyl ether	5.90	45	247025	17.930	ug/l	95
23) Vinyl Acetate	5.85	43	999591	89.187	ug/l	99
24) 1,1-Dichloroethane	5.79	63	139009	18.361	ug/l	99
25) 2-Butanone	6.79	43	238397	90.899	ug/l	96
26) 2,2-Dichloropropane	6.77	77	122566	17.884	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	77718	17.804	ug/l	99
28) Bromochloromethane	7.15	49	63586	17.087	ug/l	98
29) Tetrahydrofuran	7.17	42	144048	89.523	ug/l	98
30) Chloroform	7.33	83	144846	18.201	ug/l	99
31) Cyclohexane	7.61	56	113208	17.234	ug/l #	96
32) 1,1,1-Trichloroethane	7.52	97	127657	18.086	ug/l	99
36) 1,1-Dichloropropene	7.75	75	101337	17.738	ug/l	98
37) Ethyl Acetate	6.88	43	89659	15.990	ug/l	98
38) Carbon Tetrachloride	7.73	117	110830	18.152	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	91072	17.783	ug/l	96
40) Benzene	8.00	78	298378	17.774	ug/l	99
41) Methacrylonitrile	7.12	41	44228	17.462	ug/l #	89
42) 1,2-Dichloroethane	8.08	62	122646	18.103	ug/l	99
43) Isopropyl Acetate	8.13	43	166776	18.013	ug/l	99
44) Trichloroethene	8.80	130	74879	17.679	ug/l	97
45) 1,2-Dichloropropane	9.08	63	83875	18.725	ug/l	100
46) Dibromomethane	9.17	93	54953	18.636	ug/l	99
47) Bromodichloromethane	9.37	83	116271	18.338	ug/l	95
48) Methyl methacrylate	9.17	41	84167	18.016	ug/l	99
49) 1,4-Dioxane	9.17	88	24414	396.754	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	504821	93.499	ug/l	100
52) Toluene	10.12	92	189353	18.493	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	119338	17.754	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	127523	17.744	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	72603	18.182	ug/l	98
56) Ethyl methacrylate	10.40	69	103169	16.966	ug/l	98
57) 1,3-Dichloropropane	10.68	76	128061	18.373	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	268465	100.566	ug/l	98
59) 2-Hexanone	10.72	43	369741	86.655	ug/l	97
60) Dibromochloromethane	10.87	129	81029	18.124	ug/l	100
61) 1,2-Dibromoethane	10.98	107	75734	18.698	ug/l	99
64) Tetrachloroethene	10.60	164	69675	17.797	ug/l	98
65) Chlorobenzene	11.41	112	199621	17.917	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	75742	18.222	ug/l	99
67) Ethyl Benzene	11.48	91	354180	17.871	ug/l	99
68) m/p-Xylenes	11.60	106	259019	36.038	ug/l	98
69) o-Xylene	11.92	106	120785	17.391	ug/l	99
70) Styrene	11.94	104	205826	17.612	ug/l	99
71) Bromoform	12.10	173	50632	17.084	ug/l #	97
73) Isopropylbenzene	12.22	105	317372	17.730	ug/l	100
74) N-amyl acetate	12.05	43	138042	16.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	100613	18.300	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	103977m	19.055	ug/l	
77) Bromobenzene	12.50	156	77037	17.628	ug/l	96
78) n-propylbenzene	12.57	91	371570	18.207	ug/l	99
79) 2-Chlorotoluene	12.65	91	234890	18.148	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	268408	18.176	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32555	16.658	ug/l	95
82) 4-Chlorotoluene	12.75	91	244307	18.023	ug/l	98
83) tert-Butylbenzene	12.97	119	209587	18.172	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	267672	18.031	ug/l	100
85) sec-Butylbenzene	13.14	105	267113	18.287	ug/l	99
86) p-Isopropyltoluene	13.26	119	240761	18.325	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	135150	17.890	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	137056	17.556	ug/l	98
89) n-Butylbenzene	13.59	91	203467	18.012	ug/l	99
90) Hexachloroethane	13.85	117	44223	17.449	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	134980	18.575	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20303	18.547	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	52395	16.390	ug/l	98
94) Hexachlorobutadiene	14.98	225	26867	18.159	ug/l	99
95) Naphthalene	15.10	128	163250	15.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	50616	16.449	ug/l	96

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

