

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064223.D
 Acq On : 21 Oct 2020 15:58
 Operator : JC/MD
 Sample : VN1021WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:10:10 PM

Quant Time: Oct 22 01:58:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	257056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	194671	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.55	113	138935	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.06	98	490392	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.38	95	196288	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	58497	19.120	ug/l	98
3) Chloromethane	2.04	50	56852	19.136	ug/l	98
4) Vinyl Chloride	2.16	62	56293	19.111	ug/l	92
5) Bromomethane	2.54	94	38243	19.919	ug/l	95
6) Chloroethane	2.68	64	32122	17.914	ug/l	98
7) Trichlorofluoromethane	2.99	101	96105	19.840	ug/l	92
8) Diethyl Ether	3.38	74	31064	19.387	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49157	19.625	ug/l	97
10) Methyl Iodide	3.91	142	61592	17.292	ug/l	99
11) Tert butyl alcohol	4.73	59	49574	97.012	ug/l	99
12) 1,1-Dichloroethene	3.70	96	43308	17.976	ug/l	98
13) Acrolein	3.57	56	24108	75.155	ug/l	96
14) Allyl chloride	4.27	41	84921	17.612	ug/l	96
15) Acrylonitrile	4.93	53	103721	98.158	ug/l #	88
16) Acetone	3.77	43	106408	97.419	ug/l	99
17) Carbon Disulfide	4.01	76	130520	18.992	ug/l	98
18) Methyl Acetate	4.28	43	53729	19.304	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	159016	19.199	ug/l	98
20) Methylene Chloride	4.50	84	51550	17.699	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	49258	18.541	ug/l	94
22) Diisopropyl ether	5.90	45	163757	18.269	ug/l	98
23) Vinyl Acetate	5.84	43	768110	96.087	ug/l	100
24) 1,1-Dichloroethane	5.80	63	98982	19.062	ug/l	99
25) 2-Butanone	6.78	43	167031	96.251	ug/l	100
26) 2,2-Dichloropropane	6.78	77	94976	18.372	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	59673	19.288	ug/l	96
28) Bromochloromethane	7.15	49	51497	20.875	ug/l	96
29) Tetrahydrofuran	7.17	42	101784	98.053	ug/l	98
30) Chloroform	7.33	83	104018	18.779	ug/l	100
31) Cyclohexane	7.61	56	81073	17.915	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	96016	18.504	ug/l	97
36) 1,1-Dichloropropene	7.75	75	74490	17.857	ug/l	99
37) Ethyl Acetate	6.88	43	72999	19.273	ug/l	99
38) Carbon Tetrachloride	7.73	117	86408	18.205	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	69683	18.371	ug/l	98
40) Benzene	8.00	78	210404	18.272	ug/l	99
41) Methacrylonitrile	7.12	41	33985m	17.105	ug/l	
42) 1,2-Dichloroethane	8.09	62	91564	18.561	ug/l	100
43) Isopropyl Acetate	8.13	43	143414	20.317	ug/l #	88
44) Trichloroethene	8.80	130	59414	18.934	ug/l	99
45) 1,2-Dichloropropane	9.08	63	56291	18.311	ug/l	97
46) Dibromomethane	9.17	93	40031	19.393	ug/l	94
47) Bromodichloromethane	9.37	83	86534	18.975	ug/l	96
48) Methyl methacrylate	9.16	41	67452	18.293	ug/l	98
49) 1,4-Dioxane	9.16	88	17472	404.972	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	367205	97.336	ug/l	99
52) Toluene	10.12	92	132587	17.994	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	99633	19.666	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	100778	18.893	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52718	18.944	ug/l	94
56) Ethyl methacrylate	10.40	69	83230	19.343	ug/l	98
57) 1,3-Dichloropropane	10.68	76	95154	19.685	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.66	63	222067	100.222	ug/l	99
59) 2-Hexanone	10.72	43	265729	96.449	ug/l	100
60) Dibromochloromethane	10.87	129	66744	18.527	ug/l	99
61) 1,2-Dibromoethane	10.98	107	57615	19.620	ug/l	94
64) Tetrachloroethene	10.60	164	56994	18.616	ug/l	97
65) Chlorobenzene	11.41	112	148494	18.865	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	57528	18.412	ug/l	100
67) Ethyl Benzene	11.48	91	268926	18.590	ug/l	100
68) m/p-Xylenes	11.59	106	196852	36.727	ug/l	99
69) o-Xylene	11.92	106	93251	17.989	ug/l	95
70) Styrene	11.94	104	162622	18.716	ug/l	100
71) Bromoform	12.10	173	43779	18.138	ug/l #	97
73) Isopropylbenzene	12.22	105	257906	18.912	ug/l	99
74) N-amyl acetate	12.05	43	114294	19.396	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	69550	19.218	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	70742m	18.767	ug/l	
77) Bromobenzene	12.50	156	62553	19.429	ug/l	98
78) n-propylbenzene	12.57	91	285635	18.577	ug/l	99
79) 2-Chlorotoluene	12.65	91	178656	18.917	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	216804	18.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28078	18.806	ug/l	96
82) 4-Chlorotoluene	12.75	91	189781	19.264	ug/l	100
83) tert-Butylbenzene	12.97	119	176398	18.662	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	220725	19.235	ug/l	100
85) sec-Butylbenzene	13.14	105	226137	18.977	ug/l	99
86) p-Isopropyltoluene	13.26	119	212653	19.596	ug/l	98
87) 1,3-Dichlorobenzene	13.34	146	109088	19.043	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	109088	18.605	ug/l	98
89) n-Butylbenzene	13.59	91	183694	18.884	ug/l	99
90) Hexachloroethane	13.85	117	34987	17.802	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	104993	18.682	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18019	19.958	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	61311	19.451	ug/l	97
94) Hexachlorobutadiene	14.98	225	32971	19.394	ug/l	98
95) Naphthalene	15.10	128	184778	19.575	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	60497	19.378	ug/l	99

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

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