

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065051.D
 Acq On : 10 Dec 2020 18:55
 Operator : JC/MD
 Sample : VN1210WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:32:46 PM

Quant Time: Dec 11 04:06:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 16:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	199265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	317878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	284720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134183	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	113755	47.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.90%		
35) Dibromofluoromethane	7.55	113	99298	47.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.44%		
50) Toluene-d8	10.06	98	379964	47.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.20%		
62) 4-Bromofluorobenzene	12.38	95	130592	47.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.44%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	23477	18.428	ug/l	99
3) Chloromethane	2.04	50	31221	17.976	ug/l	99
4) Vinyl Chloride	2.17	62	35467	19.112	ug/l	100
5) Bromomethane	2.53	94	24384	18.874	ug/l	100
6) Chloroethane	2.68	64	22806	17.968	ug/l	94
7) Trichlorofluoromethane	2.99	101	52411	17.791	ug/l	98
8) Diethyl Ether	3.38	74	21616	18.479	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33805	18.422	ug/l	97
10) Methyl Iodide	3.91	142	38679	17.422	ug/l	100
11) Tert butyl alcohol	4.75	59	28131	97.895	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	29903	17.405	ug/l	98
13) Acrolein	3.56	56	22305	95.979	ug/l	99
14) Allyl chloride	4.28	41	50589	18.170	ug/l	98
15) Acrylonitrile	4.94	53	81922	90.699	ug/l	99
16) Acetone	3.78	43	68744	81.695	ug/l	98
17) Carbon Disulfide	4.01	76	70475	18.503	ug/l	98
18) Methyl Acetate	4.28	43	41124	19.393	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	105482	18.214	ug/l	99
20) Methylene Chloride	4.51	84	39369	18.365	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	33149	17.673	ug/l	93
22) Diisopropyl ether	5.91	45	113246	18.658	ug/l	98
23) Vinyl Acetate	5.85	43	426210	90.856	ug/l	100
24) 1,1-Dichloroethane	5.80	63	65673	18.266	ug/l	99
25) 2-Butanone	6.79	43	103514	89.204	ug/l	98
26) 2,2-Dichloropropane	6.78	77	56035	18.188	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	40773	18.003	ug/l	97
28) Bromochloromethane	7.15	49	31906	18.670	ug/l	96
29) Tetrahydrofuran	7.17	42	67164	92.197	ug/l	98
30) Chloroform	7.33	83	69660	18.746	ug/l	100
31) Cyclohexane	7.61	56	48448	19.085	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	57584	18.091	ug/l	99
36) 1,1-Dichloropropene	7.76	75	46359	17.099	ug/l	99
37) Ethyl Acetate	6.88	43	42588	17.275	ug/l	98
38) Carbon Tetrachloride	7.73	117	51202	17.775	ug/l	99

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39) Methylcyclohexane	9.05	83	43923	16.484	ug/l	98
40) Benzene	8.00	78	149974	17.859	ug/l	99
41) Methacrylonitrile	7.13	41	19959	15.582	ug/l	87
42) 1,2-Dichloroethane	8.08	62	51030	17.921	ug/l	99
43) Isopropyl Acetate	8.13	43	72410	17.670	ug/l #	89
44) Trichloroethene	8.80	130	42267	18.021	ug/l	98
45) 1,2-Dichloropropane	9.08	63	41049	18.070	ug/l	97
46) Dibromomethane	9.17	93	26842	18.240	ug/l	97
47) Bromodichloromethane	9.37	83	54032	17.925	ug/l	97
48) Methyl methacrylate	9.17	41	33781	17.365	ug/l	98
49) 1,4-Dioxane	9.17	88	12694	361.408	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	222958	91.008	ug/l	99
52) Toluene	10.12	92	94422	17.943	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	56565	17.608	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	62686	17.446	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	38691	17.758	ug/l	99
56) Ethyl methacrylate	10.40	69	50472	17.542	ug/l	97
57) 1,3-Dichloropropane	10.68	76	64677	18.043	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	143313	93.470	ug/l	99
59) 2-Hexanone	10.72	43	157117	89.020	ug/l	97
60) Dibromochloromethane	10.87	129	45190	18.229	ug/l	99
61) 1,2-Dibromoethane	10.98	107	38828	17.803	ug/l	97
64) Tetrachloroethene	10.60	164	43030	17.787	ug/l	98
65) Chlorobenzene	11.41	112	103528	17.753	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40579	18.103	ug/l	98
67) Ethyl Benzene	11.48	91	166685	17.131	ug/l	99
68) m/p-Xylenes	11.59	106	133105	35.299	ug/l	100
69) o-Xylene	11.92	106	62155	17.271	ug/l	98
70) Styrene	11.94	104	106965	17.574	ug/l	99
71) Bromoform	12.10	173	29902	17.562	ug/l #	99
73) Isopropylbenzene	12.22	105	165337	18.530	ug/l	99
74) N-amyl acetate	12.05	43	59953	18.654	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	51510	19.007	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	51060m	19.535	ug/l	
77) Bromobenzene	12.50	156	44724	18.849	ug/l	99
78) n-propylbenzene	12.57	91	182380	18.121	ug/l	100
79) 2-Chlorotoluene	12.65	91	113350	18.413	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	139495	18.578	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16568	18.042	ug/l	99
82) 4-Chlorotoluene	12.75	91	115053	17.733	ug/l	100
83) tert-Butylbenzene	12.97	119	115299	18.605	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	137559	18.146	ug/l	99
85) sec-Butylbenzene	13.14	105	147894	18.313	ug/l	99
86) p-Isopropyltoluene	13.26	119	135833	18.253	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	76929	18.244	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	77546	18.137	ug/l	96
89) n-Butylbenzene	13.59	91	103283	16.889	ug/l	99
90) Hexachloroethane	13.85	117	23729	17.591	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	76742	18.285	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9589	18.046	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	36059	19.638	ug/l	98
94) Hexachlorobutadiene	14.98	225	20421	17.623	ug/l	96
95) Naphthalene	15.10	128	101926	19.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	33173	19.181	ug/l	97

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

