

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065400.D
 Acq On : 6 Jan 2021 15:14
 Operator : JC/MD
 Sample : VN0106WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/7/2021 4:32:10 PM

Quant Time: Jan 07 01:27:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.631	168	300007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	447676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	411108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	191945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	157339	46.46	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.92%		
35) Dibromofluoromethane	7.553	113	138009	51.10	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.20%		
50) Toluene-d8	10.058	98	513164	50.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.38%		
62) 4-Bromofluorobenzene	12.373	95	182222	45.98	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.96%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.849	85	45642	16.44	ug/l	99
3) Chloromethane	2.055	50	56578	17.91	ug/l	100
4) Vinyl Chloride	2.181	62	62466	19.00	ug/l	99
5) Bromomethane	2.537	94	44551	19.07	ug/l	98
6) Chloroethane	2.685	64	39349	18.52	ug/l	99
7) Trichlorofluoromethane	3.000	101	83276	16.93	ug/l	95
8) Diethyl Ether	3.390	74	34020	17.57	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.724	101	50364	18.26	ug/l	97
10) Methyl Iodide	3.914	142	73206	17.57	ug/l	92
11) Tert butyl alcohol	4.775	59	42850	77.32	ug/l	99
12) 1,1-Dichloroethene	3.705	96	49993	16.97	ug/l	99
13) Acrolein	3.579	56	30459	82.90	ug/l	96
14) Allyl chloride	4.283	41	77227	15.90	ug/l	98
15) Acrylonitrile	4.949	53	123679	92.35	ug/l	99
16) Acetone	3.788	43	103007	64.49	ug/l	97
17) Carbon Disulfide	4.013	76	116083	15.39	ug/l	100
18) Methyl Acetate	4.293	43	58506	19.24	ug/l	96
19) Methyl tert-butyl Ether	5.007	73	163755	17.50	ug/l	100
20) Methylene Chloride	4.508	84	57878	17.52	ug/l	99
21) trans-1,2-Dichloroethene	4.991	96	51780	17.90	ug/l	95
22) Diisopropyl ether	5.917	45	169846	17.57	ug/l	97
23) Vinyl Acetate	5.856	43	678368	83.25	ug/l	99
24) 1,1-Dichloroethane	5.801	63	97346	18.35	ug/l	99
25) 2-Butanone	6.801	43	156895	82.52	ug/l	98
26) 2,2-Dichloropropane	6.778	77	78103	15.41	ug/l	98
27) cis-1,2-Dichloroethene	6.785	96	62244	18.49	ug/l	97
28) Bromochloromethane	7.155	49	39581	16.84	ug/l	94
29) Tetrahydrofuran	7.177	42	104854	85.28	ug/l	99
30) Chloroform	7.332	83	99549	18.23	ug/l	100
31) Cyclohexane	7.614	56	81002	16.20	ug/l	96
32) 1,1,1-Trichloroethane	7.531	97	83483	16.88	ug/l	99
36) 1,1-Dichloropropene	7.753	75	71456	17.55	ug/l	98
37) Ethyl Acetate	6.894	43	66937	16.59	ug/l	100
38) Carbon Tetrachloride	7.733	117	71724	16.78	ug/l	99
39) Methylcyclohexane	9.045	83	82298	16.83	ug/l	100
40) Benzene	8.003	78	226720	18.72	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	32932	15.69	ug/l	91
42) 1,2-Dichloroethane	8.087	62	78564	17.56	ug/l	99
43) Isopropyl Acetate	8.132	43	112882	16.23	ug/l	99
44) Trichloroethene	8.801	130	64979	18.59	ug/l	94
45) 1,2-Dichloropropane	9.087	63	59603	18.93	ug/l	99
46) Dibromomethane	9.177	93	39959	18.69	ug/l	91
47) Bromodichloromethane	9.370	83	78452	17.40	ug/l	99
48) Methyl methacrylate	9.167	41	54992	16.29	ug/l	98
49) 1,4-Dioxane	9.171	88	20005	365.66	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	337087	86.22	ug/l	100
52) Toluene	10.122	92	144758	18.97	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	83277	16.39	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	93933	17.40	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	58318	19.31	ug/l	96
56) Ethyl methacrylate	10.399	69	81925	17.51	ug/l	98
57) 1,3-Dichloropropane	10.679	76	95390	19.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	170273	83.69	ug/l	99
59) 2-Hexanone	10.724	43	238517	82.98	ug/l	100
60) Dibromochloromethane	10.872	129	62232	17.29	ug/l	99
61) 1,2-Dibromoethane	10.978	107	60235	18.58	ug/l	100
64) Tetrachloroethene	10.601	164	75576	18.93	ug/l	94
65) Chlorobenzene	11.405	112	160622	19.19	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.479	131	60568	18.60	ug/l	99
67) Ethyl Benzene	11.482	91	273944	18.17	ug/l	99
68) m/p-Xylenes	11.592	106	208402	36.69	ug/l	100
69) o-Xylene	11.920	106	101036	18.32	ug/l	99
70) Styrene	11.936	104	166965	18.15	ug/l	99
71) Bromoform	12.100	173	45987	16.40	ug/l #	99
73) Isopropylbenzene	12.222	105	266809	18.25	ug/l	99
74) N-amyl acetate	12.042	43	92844	15.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	75416	19.13	ug/l	97
76) 1,2,3-Trichloropropane	12.524	75	74288m	18.97	ug/l	
77) Bromobenzene	12.498	156	73392	19.21	ug/l	91
78) n-propylbenzene	12.563	91	296701	17.98	ug/l	99
79) 2-Chlorotoluene	12.646	91	177990	18.31	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	227688	18.26	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	24401	15.71	ug/l	91
82) 4-Chlorotoluene	12.746	91	180728	18.06	ug/l	97
83) tert-Butylbenzene	12.968	119	196713	18.52	ug/l	97
84) 1,2,4-Trimethylbenzene	13.013	105	224329	18.48	ug/l	99
85) sec-Butylbenzene	13.145	105	255555	18.14	ug/l	99
86) p-Isopropyltoluene	13.261	119	230358	17.83	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	120226	18.82	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	118231	18.43	ug/l	98
89) n-Butylbenzene	13.588	91	187161	16.95	ug/l	99
90) Hexachloroethane	13.846	117	37294	16.79	ug/l	82
91) 1,2-Dichlorobenzene	13.627	146	122143	19.91	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	13174	16.22	ug/l	90
93) 1,2,4-Trichlorobenzene	14.881	180	55081	16.51	ug/l	98
94) Hexachlorobutadiene	14.981	225	42989	17.75	ug/l	100
95) Naphthalene	15.103	128	132380	15.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	53754	17.49	ug/l	97

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

