

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065596.D
 Acq On : 26 Jan 2021 11:39
 Operator : JC/MD
 Sample : VN0126WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2021 11:12:54 AM

Quant Time: Jan 27 03:26:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	174815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	313122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	275907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	114889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	112842	49.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.14%		
35) Dibromofluoromethane	7.547	113	91191	49.15	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.30%		
50) Toluene-d8	10.055	98	361667	49.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.18%		
62) 4-Bromofluorobenzene	12.370	95	133198	50.71	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.42%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.837	85	38684	19.76	ug/l	100
3) Chloromethane	2.036	50	55996	19.46	ug/l	100
4) Vinyl Chloride	2.168	62	55755	19.13	ug/l	99
5) Bromomethane	2.547	94	32974	19.55	ug/l	95
6) Chloroethane	2.682	64	32171	19.08	ug/l	97
7) Trichlorofluoromethane	2.994	101	58950	19.35	ug/l	98
8) Diethyl Ether	3.377	74	28092	19.34	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.718	101	36840	19.93	ug/l	94
10) Methyl Iodide	3.907	142	48652	17.95	ug/l	98
11) Tert butyl alcohol	4.763	59	38694	89.82	ug/l #	90
12) 1,1-Dichloroethene	3.698	96	38046	17.88	ug/l	89
13) Acrolein	3.573	56	31984	97.78	ug/l	99
14) Allyl chloride	4.271	41	76361	19.35	ug/l	93
15) Acrylonitrile	4.939	53	104631	93.23	ug/l	97
16) Acetone	3.782	43	86041	96.10	ug/l	99
17) Carbon Disulfide	4.007	76	118876	17.74	ug/l	99
18) Methyl Acetate	4.283	43	45694	18.21	ug/l	96
19) Methyl tert-butyl Ether	4.997	73	132845	18.70	ug/l	97
20) Methylene Chloride	4.499	84	46009	18.56	ug/l	98
21) trans-1,2-Dichloroethene	4.988	96	42176	18.65	ug/l	88
22) Diisopropyl ether	5.904	45	157198	19.49	ug/l	97
23) Vinyl Acetate	5.846	43	627465	97.41	ug/l	97
24) 1,1-Dichloroethane	5.795	63	83607	19.45	ug/l	99
25) 2-Butanone	6.791	43	133491	95.09	ug/l	95
26) 2,2-Dichloropropane	6.772	77	67022	19.48	ug/l	98
27) cis-1,2-Dichloroethene	6.779	96	49042	18.92	ug/l	92
28) Bromochloromethane	7.145	49	32606	18.05	ug/l #	80
29) Tetrahydrofuran	7.174	42	92773	91.11	ug/l	94
30) Chloroform	7.325	83	75527	19.08	ug/l	99
31) Cyclohexane	7.608	56	81936	18.94	ug/l	93
32) 1,1,1-Trichloroethane	7.524	97	60775	18.86	ug/l	97
36) 1,1-Dichloropropene	7.750	75	60890	19.32	ug/l	97
37) Ethyl Acetate	6.888	43	59588	19.71	ug/l	98
38) Carbon Tetrachloride	7.730	117	51388	19.81	ug/l	99
39) Methylcyclohexane	9.042	83	75124	19.54	ug/l	95
40) Benzene	8.000	78	188382	19.58	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	27611	17.01	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	57801	19.93	ug/l	99
43) Isopropyl Acetate	8.126	43	101793	18.99	ug/l #	90
44) Trichloroethene	8.798	130	44326	18.99	ug/l	93
45) 1,2-Dichloropropane	9.081	63	51623	19.50	ug/l	100
46) Dibromomethane	9.171	93	27457	18.77	ug/l	92
47) Bromodichloromethane	9.367	83	60731	19.36	ug/l	99
48) Methyl methacrylate	9.164	41	46801	18.41	ug/l	93
49) 1,4-Dioxane	9.174	88	15883	386.00	ug/l #	86
51) 4-Methyl-2-Pentanone	9.949	43	280639	94.97	ug/l	99
52) Toluene	10.119	92	111869	19.63	ug/l	97
53) t-1,3-Dichloropropene	10.351	75	70169	19.20	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	79664	19.57	ug/l	99
55) 1,1,2-Trichloroethane	10.528	97	42345	19.48	ug/l	98
56) Ethyl methacrylate	10.396	69	69402	19.31	ug/l	96
57) 1,3-Dichloropropane	10.675	76	75755	19.80	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.659	63	152511	91.85	ug/l	93
59) 2-Hexanone	10.720	43	197355	96.20	ug/l	99
60) Dibromochloromethane	10.872	129	41842	18.83	ug/l	100
61) 1,2-Dibromoethane	10.974	107	41357	19.09	ug/l	100
64) Tetrachloroethene	10.598	164	43310	18.73	ug/l	96
65) Chlorobenzene	11.402	112	111094	19.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	39710	19.46	ug/l	98
67) Ethyl Benzene	11.479	91	207393	19.13	ug/l	98
68) m/p-Xylenes	11.592	106	153299	39.05	ug/l	95
69) o-Xylene	11.917	106	73943	19.44	ug/l	95
70) Styrene	11.933	104	122494	19.56	ug/l	98
71) Bromoform	12.097	173	27070	19.19	ug/l #	99
73) Isopropylbenzene	12.219	105	196166	19.50	ug/l	99
74) N-amyl acetate	12.042	43	81068	19.05	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	55633	18.73	ug/l	98
76) 1,2,3-Trichloropropane	12.521	75	55891m	18.60	ug/l	
77) Bromobenzene	12.495	156	42036	19.30	ug/l	75
78) n-propylbenzene	12.560	91	226605	19.12	ug/l	97
79) 2-Chlorotoluene	12.643	91	133622	18.98	ug/l	95
80) 1,3,5-Trimethylbenzene	12.701	105	163313	19.07	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	21364	18.21	ug/l	93
82) 4-Chlorotoluene	12.743	91	135654	18.87	ug/l	95
83) tert-Butylbenzene	12.965	119	136015	19.04	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	162767	19.05	ug/l	100
85) sec-Butylbenzene	13.142	105	183223	19.00	ug/l	97
86) p-Isopropyltoluene	13.257	119	163885	19.25	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	72913	18.78	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	72864	18.49	ug/l	97
89) n-Butylbenzene	13.585	91	146522	19.16	ug/l	99
90) Hexachloroethane	13.843	117	28214	18.94	ug/l	93
91) 1,2-Dichlorobenzene	13.624	146	72969	18.94	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.238	75	10330	17.52	ug/l	88
93) 1,2,4-Trichlorobenzene	14.878	180	36998	18.15	ug/l	99
94) Hexachlorobutadiene	14.978	225	18046	19.08	ug/l	98
95) Naphthalene	15.100	128	112828	17.56	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	36765	17.93	ug/l	99

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

