

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043021\
 Data File : VN066906.D
 Acq On : 30 Apr 2021 13:31
 Operator : JC/MD
 Sample : VN0430WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/3/2021 11:38:56 AM

Quant Time: May 01 01:45:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	291400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	433227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	396387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	190274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	150471	40.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 80.38%			
35) Dibromofluoromethane	7.511	113	140089	52.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.76%			
50) Toluene-d8	10.029	98	536199	51.08	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.16%			
62) 4-Bromofluorobenzene	12.346	95	180523	50.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	52210	16.54	ug/l	98
3) Chloromethane	2.037	50	71252	17.19	ug/l	99
4) Vinyl Chloride	2.163	62	71962	17.78	ug/l	99
5) Bromomethane	2.514	94	48043	18.19	ug/l	98
6) Chloroethane	2.656	64	44404	17.62	ug/l	99
7) Trichlorofluoromethane	2.970	101	88108	18.10	ug/l	100
8) Diethyl Ether	3.356	74	33248	16.83	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.692	101	52093	18.08	ug/l	95
10) Methyl Iodide	3.885	142	75790	17.23	ug/l	96
11) Tert butyl alcohol	4.697	59	43818	75.90	ug/l #	85
12) 1,1-Dichloroethene	3.673	96	50732	17.39	ug/l	95
13) Acrolein	3.547	56	40050	83.05	ug/l	97
14) Allyl chloride	4.247	41	81267	14.83	ug/l	91
15) Acrylonitrile	4.893	53	129526	84.61	ug/l	96
16) Acetone	3.753	43	94782	67.10	ug/l	94
17) Carbon Disulfide	3.981	76	145460	16.26	ug/l	99
18) Methyl Acetate	4.252	43	58554	16.14	ug/l	98
19) Methyl tert-butyl Ether	4.955	73	161241	16.15	ug/l	100
20) Methylene Chloride	4.472	84	62261	17.39	ug/l	93
21) trans-1,2-Dichloroethene	4.949	96	55588	17.72	ug/l	97
22) Diisopropyl ether	5.864	45	167885	15.36	ug/l	95
23) Vinyl Acetate	5.805	43	657687	72.32	ug/l	98
24) 1,1-Dichloroethane	5.757	63	102327	16.90	ug/l	99
25) 2-Butanone	6.746	43	145269	73.15	ug/l	98
26) 2,2-Dichloropropane	6.733	77	85456	16.63	ug/l	100
27) cis-1,2-Dichloroethene	6.741	96	63474	17.49	ug/l	99
28) Bromochloromethane	7.111	49	43822	15.78	ug/l	94
29) Tetrahydrofuran	7.127	42	100258	73.89	ug/l	96
30) Chloroform	7.291	83	100954	17.18	ug/l	99
31) Cyclohexane	7.578	56	87614	15.13	ug/l	95
32) 1,1,1-Trichloroethane	7.492	97	85390	17.00	ug/l	98
36) 1,1-Dichloropropene	7.717	75	73494	18.26	ug/l	99
37) Ethyl Acetate	6.843	43	67295	15.74	ug/l	98
38) Carbon Tetrachloride	7.696	117	73958	19.16	ug/l	96
39) Methylcyclohexane	9.015	83	88265	18.53	ug/l	99
40) Benzene	7.967	78	239279	19.15	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	28244m	14.53	ug/l	
42) 1,2-Dichloroethane	8.050	62	71163	16.86	ug/l	95
43) Isopropyl Acetate	8.093	43	105994	15.60	ug/l #	92
44) Trichloroethene	8.769	130	62400	20.53	ug/l	94
45) 1,2-Dichloropropane	9.050	63	62693	18.80	ug/l	100
46) Dibromomethane	9.141	93	39395	19.34	ug/l	94
47) Bromodichloromethane	9.337	83	80723	18.91	ug/l	100
48) Methyl methacrylate	9.139	41	44803	15.12	ug/l	90
49) 1,4-Dioxane	9.136	88	18416	415.35	ug/l	97
51) 4-Methyl-2-Pentanone	9.922	43	303313	82.15	ug/l	96
52) Toluene	10.093	92	148143	19.71	ug/l	97
53) t-1,3-Dichloropropene	10.324	75	84222	18.43	ug/l	96
54) cis-1,3-Dichloropropene	9.777	75	96409	18.84	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	58998	20.43	ug/l	99
56) Ethyl methacrylate	10.372	69	71230	17.14	ug/l #	92
57) 1,3-Dichloropropane	10.646	76	94358	19.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	71343	89.90	ug/l	100
59) 2-Hexanone	10.694	43	176755	75.62	ug/l	94
60) Dibromochloromethane	10.842	129	65972	20.98	ug/l	100
61) 1,2-Dibromoethane	10.946	107	58928	20.34	ug/l	100
64) Tetrachloroethene	10.571	164	58452	22.30	ug/l	97
65) Chlorobenzene	11.375	112	159319	19.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.451	131	61758	20.77	ug/l	99
67) Ethyl Benzene	11.456	91	260832	18.65	ug/l	100
68) m/p-Xylenes	11.566	106	203809	39.73	ug/l	98
69) o-Xylene	11.890	106	98425	19.22	ug/l	97
70) Styrene	11.912	104	150642	18.29	ug/l	99
71) Bromoform	12.073	173	46340	21.52	ug/l #	99
73) Isopropylbenzene	12.193	105	256808	18.41	ug/l	98
74) N-amyl acetate	12.049	43	7654	2.32	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.448	83	84961	18.51	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	73199m	18.25	ug/l	
77) Bromobenzene	12.470	156	69403	20.17	ug/l	94
78) n-propylbenzene	12.537	91	288355	18.75	ug/l	98
79) 2-Chlorotoluene	12.617	91	180339	18.43	ug/l	98
80) 1,3,5-Trimethylbenzene	12.679	105	220591	18.73	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.250	75	17484	17.61	ug/l	86
82) 4-Chlorotoluene	12.719	91	173719	18.40	ug/l	99
83) tert-Butylbenzene	12.936	119	188647	18.70	ug/l	96
84) 1,2,4-Trimethylbenzene	12.985	105	204346	18.43	ug/l	96
85) sec-Butylbenzene	13.116	105	239552	18.31	ug/l	98
86) p-Isopropyltoluene	13.234	119	211294	18.81	ug/l	99
87) 1,3-Dichlorobenzene	13.229	146	113824	19.46	ug/l	99
88) 1,4-Dichlorobenzene	13.309	146	116881	18.80	ug/l	96
89) n-Butylbenzene	13.564	91	144698	15.12	ug/l	98
90) Hexachloroethane	13.816	117	44782	19.06	ug/l	87
91) 1,2-Dichlorobenzene	13.599	146	116055	19.57	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.226	75	13324	16.19	ug/l	97
93) 1,2,4-Trichlorobenzene	14.857	180	63510	19.34	ug/l	98
94) Hexachlorobutadiene	14.948	225	39224	21.53	ug/l	98
95) Naphthalene	15.077	128	146513	17.34	ug/l	98
96) 1,2,3-Trichlorobenzene	15.254	180	63427	19.97	ug/l	98

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

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