

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066478.D
 Acq On : 2 Apr 2021 19:25
 Operator : JC/MD
 Sample : VN0402WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 11:14:22 AM

Quant Time: Apr 03 03:26:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.579	168	336028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	513256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	491825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	239013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	205971	46.11	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.22%		
35) Dibromofluoromethane	7.504	113	166312	48.88	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.76%		
50) Toluene-d8	10.025	98	607585	47.08	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.16%		
62) 4-Bromofluorobenzene	12.345	95	210163	46.88	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.76%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.816	85	80276	18.97	ug/l	99
3) Chloromethane	2.017	50	88680	19.19	ug/l	96
4) Vinyl Chloride	2.143	62	101061	20.86	ug/l	100
5) Bromomethane	2.513	94	73009	22.47	ug/l	98
6) Chloroethane	2.650	64	68580	22.71	ug/l	99
7) Trichlorofluoromethane	2.961	101	144410	21.68	ug/l	98
8) Diethyl Ether	3.342	74	58720	21.64	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.674	101	83457	22.19	ug/l	95
10) Methyl Iodide	3.865	142	113922	21.35	ug/l	99
11) Tert butyl alcohol	4.712	59	112858	165.66	ug/l	98
12) 1,1-Dichloroethene	3.653	96	80850	20.99	ug/l	99
13) Acrolein	3.532	56	25977	44.62	ug/l	96
14) Allyl chloride	4.224	41	151714	19.92	ug/l	93
15) Acrylonitrile	4.878	53	215758	113.57	ug/l	99
16) Acetone	3.739	43	256579	106.31	ug/l	99
17) Carbon Disulfide	3.961	76	232281	20.43	ug/l	100
18) Methyl Acetate	4.232	43	171089	27.14	ug/l	100
19) Methyl tert-butyl Ether	4.948	73	199099	17.44	ug/l	100
20) Methylene Chloride	4.449	84	104153	23.92	ug/l	98
21) trans-1,2-Dichloroethene	4.921	96	61851	17.71	ug/l	96
22) Diisopropyl ether	5.857	45	211018	17.76	ug/l	99
23) Vinyl Acetate	5.796	43	878049	86.80	ug/l	99
24) 1,1-Dichloroethane	5.739	63	122091	18.60	ug/l	99
25) 2-Butanone	6.748	43	248265	94.11	ug/l	96
26) 2,2-Dichloropropane	6.721	77	102127	17.46	ug/l	98
27) cis-1,2-Dichloroethene	6.726	96	73506	18.04	ug/l	96
28) Bromochloromethane	7.102	49	64115	19.39	ug/l	98
29) Tetrahydrofuran	7.131	42	167230	97.15	ug/l	99
30) Chloroform	7.282	83	128578	19.61	ug/l	95
31) Cyclohexane	7.566	56	101812	16.47	ug/l	98
32) 1,1,1-Trichloroethane	7.483	97	110539	19.19	ug/l	99
36) 1,1-Dichloropropene	7.703	75	86539	17.95	ug/l	99
37) Ethyl Acetate	6.842	43	99533	18.76	ug/l	99
38) Carbon Tetrachloride	7.689	117	92679	19.12	ug/l	99
39) Methylcyclohexane	9.009	83	95414	16.23	ug/l	99
40) Benzene	7.957	78	280445	19.26	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	44970	17.08	ug/l	93
42) 1,2-Dichloroethane	8.046	62	99297	19.03	ug/l	99
43) Isopropyl Acetate	8.091	43	167319	18.45	ug/l	99
44) Trichloroethene	8.762	130	71821	18.75	ug/l	95
45) 1,2-Dichloropropane	9.049	63	75355	19.42	ug/l	96
46) Dibromomethane	9.137	93	51857	20.39	ug/l	97
47) Bromodichloromethane	9.333	83	104288	19.86	ug/l	96
48) Methyl methacrylate	9.135	41	76051	17.62	ug/l	97
49) 1,4-Dioxane	9.137	88	20879	384.88	ug/l	99
51) 4-Methyl-2-Pentanone	9.923	43	541927	102.22	ug/l	100
52) Toluene	10.090	92	174208	19.49	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	104233	18.27	ug/l	96
54) cis-1,3-Dichloropropene	9.773	75	113073	18.46	ug/l	96
55) 1,1,2-Trichloroethane	10.500	97	73397	20.42	ug/l	97
56) Ethyl methacrylate	10.371	69	99881	18.12	ug/l	94
57) 1,3-Dichloropropane	10.645	76	118087	19.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	43065	89.31	ug/l	98
59) 2-Hexanone	10.693	43	370406	99.73	ug/l	100
60) Dibromochloromethane	10.841	129	82252	20.61	ug/l	96
61) 1,2-Dibromoethane	10.945	107	74351	19.84	ug/l	100
64) Tetrachloroethene	10.570	164	75378	18.01	ug/l	96
65) Chlorobenzene	11.374	112	186196	18.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	73136	19.37	ug/l	99
67) Ethyl Benzene	11.452	91	318820	17.91	ug/l	100
68) m/p-Xylenes	11.565	106	243537	36.01	ug/l	98
69) o-Xylene	11.889	106	115114	17.64	ug/l	99
70) Styrene	11.905	104	194275	18.36	ug/l	98
71) Bromoform	12.069	173	60699	19.33	ug/l #	99
73) Isopropylbenzene	12.192	105	306536	17.24	ug/l	100
74) N-amyl acetate	12.018	43	82112	14.19	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.447	83	110119	19.45	ug/l	100
76) 1,2,3-Trichloropropane	12.498	75	98093m	18.70	ug/l	
77) Bromobenzene	12.468	156	83003	18.49	ug/l	98
78) n-propylbenzene	12.536	91	340615	17.62	ug/l	100
79) 2-Chlorotoluene	12.616	91	214557	18.05	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	254309	17.49	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.243	75	29011	16.63	ug/l	99
82) 4-Chlorotoluene	12.715	91	211950	17.92	ug/l	100
83) tert-Butylbenzene	12.938	119	213909	17.09	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	244288	17.29	ug/l	99
85) sec-Butylbenzene	13.115	105	280867	17.32	ug/l	99
86) p-Isopropyltoluene	13.233	119	243939	16.79	ug/l	100
87) 1,3-Dichlorobenzene	13.227	146	139783	18.56	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	141573	18.10	ug/l	98
89) n-Butylbenzene	13.560	91	194079	16.17	ug/l	96
90) Hexachloroethane	13.815	117	47583	18.16	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	138535	18.70	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.233	75	19023	17.52	ug/l	96
93) 1,2,4-Trichlorobenzene	14.981	180	74372	16.19	ug/l	99
94) Hexachlorobutadiene	15.108	225	44232	17.66	ug/l	97
95) Naphthalene	15.266	128	209013	16.31	ug/l	99
96) 1,2,3-Trichlorobenzene	15.502	180	76932	16.66	ug/l	98

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

