

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066741.D
 Acq On : 23 Apr 2021 16:36
 Operator : JC/MD
 Sample : VN0423WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/26/2021 4:54:38 PM

Quant Time: Apr 26 03:18:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	291998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	462223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	421892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	200359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	175430	49.18	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.36%		
35) Dibromofluoromethane	7.511	113	146415	50.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.16%		
50) Toluene-d8	10.029	98	573480	50.80	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.60%		
62) 4-Bromofluorobenzene	12.346	95	191067	49.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.84%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.838	85	60505	18.37	ug/l	98
3) Chloromethane	2.037	50	84305	17.93	ug/l	100
4) Vinyl Chloride	2.163	62	80359	19.22	ug/l	99
5) Bromomethane	2.525	94	50537	21.39	ug/l	98
6) Chloroethane	2.664	64	47012	19.15	ug/l	96
7) Trichlorofluoromethane	2.975	101	85140	18.95	ug/l	99
8) Diethyl Ether	3.359	74	36130	18.90	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.697	101	52146	18.49	ug/l	100
10) Methyl Iodide	3.890	142	71625	16.16	ug/l #	94
11) Tert butyl alcohol	4.702	59	45231	100.07	ug/l	98
12) 1,1-Dichloroethene	3.678	96	54005	18.97	ug/l	98
13) Acrolein	3.547	56	39437	78.96	ug/l	96
14) Allyl chloride	4.249	41	99775	18.30	ug/l	92
15) Acrylonitrile	4.898	53	146567	95.13	ug/l	99
16) Acetone	3.756	43	116297	87.09	ug/l	98
17) Carbon Disulfide	3.989	76	161353	17.65	ug/l	99
18) Methyl Acetate	4.252	43	67561	18.24	ug/l	95
19) Methyl tert-butyl Ether	4.957	73	175985	18.93	ug/l	95
20) Methylene Chloride	4.475	84	66878	16.84	ug/l	96
21) trans-1,2-Dichloroethene	4.952	96	58465	18.70	ug/l	94
22) Diisopropyl ether	5.864	45	208828	18.88	ug/l	90
23) Vinyl Acetate	5.807	43	826551	92.69	ug/l	97
24) 1,1-Dichloroethane	5.759	63	113385	18.46	ug/l	97
25) 2-Butanone	6.749	43	177392	92.61	ug/l	95
26) 2,2-Dichloropropane	6.738	77	91670	18.18	ug/l	100
27) cis-1,2-Dichloroethene	6.741	96	66708	18.40	ug/l	94
28) Bromochloromethane	7.111	49	55228	19.12	ug/l	89
29) Tetrahydrofuran	7.130	42	123314	93.43	ug/l	95
30) Chloroform	7.293	83	107037	18.60	ug/l	97
31) Cyclohexane	7.578	56	103810	17.86	ug/l	94
32) 1,1,1-Trichloroethane	7.494	97	89294	18.57	ug/l	97
36) 1,1-Dichloropropene	7.717	75	79477	18.49	ug/l	99
37) Ethyl Acetate	6.845	43	83513	18.50	ug/l #	79
38) Carbon Tetrachloride	7.698	117	76804	18.78	ug/l	99
39) Methylcyclohexane	9.015	83	94699	18.59	ug/l	93
40) Benzene	7.969	78	258644	18.70	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	36600	18.24	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	81486	18.45	ug/l	100
43) Isopropyl Acetate	8.093	43	129827	18.01	ug/l	99
44) Trichloroethene	8.771	130	62627	19.03	ug/l	100
45) 1,2-Dichloropropane	9.053	63	70328	18.70	ug/l	100
46) Dibromomethane	9.144	93	41419	18.87	ug/l	99
47) Bromodichloromethane	9.337	83	85197	18.47	ug/l	99
48) Methyl methacrylate	9.136	41	56672	17.92	ug/l	95
49) 1,4-Dioxane	9.136	88	17555	459.39	ug/l	92
51) 4-Methyl-2-Pentanone	9.922	43	376385	93.34	ug/l	98
52) Toluene	10.093	92	156107	19.22	ug/l	99
53) t-1,3-Dichloropropene	10.324	75	92025	18.89	ug/l	100
54) cis-1,3-Dichloropropene	9.777	75	105269	18.97	ug/l	100
55) 1,1,2-Trichloroethane	10.501	97	61705	19.19	ug/l	97
56) Ethyl methacrylate	10.372	69	77979	17.47	ug/l	96
57) 1,3-Dichloropropane	10.648	76	102972	19.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.635	63	89310	116.54	ug/l	94
59) 2-Hexanone	10.694	43	217528	83.73	ug/l	100
60) Dibromochloromethane	10.844	129	64346	18.82	ug/l	100
61) 1,2-Dibromoethane	10.946	107	60440	19.13	ug/l	98
64) Tetrachloroethene	10.571	164	56712	19.04	ug/l	96
65) Chlorobenzene	11.375	112	162569	18.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	60158	19.32	ug/l	98
67) Ethyl Benzene	11.453	91	281848	19.11	ug/l	99
68) m/p-Xylenes	11.566	106	214030	38.94	ug/l	99
69) o-Xylene	11.890	106	102634	18.96	ug/l	99
70) Styrene	11.909	104	158818	17.64	ug/l	99
71) Bromoform	12.073	173	43791	18.54	ug/l #	98
73) Isopropylbenzene	12.193	105	270679	19.01	ug/l	100
74) N-amyl acetate	12.038	43	15783	4.66	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.448	83	89904	18.71	ug/l	98
76) 1,2,3-Trichloropropane	12.499	75	74551m	17.39	ug/l	
77) Bromobenzene	12.469	156	71191	19.32	ug/l	97
78) n-propylbenzene	12.537	91	307579	19.38	ug/l	99
79) 2-Chlorotoluene	12.617	91	187960	18.28	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	226312	18.70	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.250	75	19963	18.18	ug/l	94
82) 4-Chlorotoluene	12.719	91	184250	18.87	ug/l	99
83) tert-Butylbenzene	12.936	119	194235	18.02	ug/l	98
84) 1,2,4-Trimethylbenzene	12.984	105	213517	18.45	ug/l	96
85) sec-Butylbenzene	13.116	105	252667	18.65	ug/l	100
86) p-Isopropyltoluene	13.234	119	216300	19.19	ug/l	100
87) 1,3-Dichlorobenzene	13.228	146	115462	18.62	ug/l	99
88) 1,4-Dichlorobenzene	13.309	146	111031	16.66	ug/l	90
89) n-Butylbenzene	13.561	91	172825	17.21	ug/l	100
90) Hexachloroethane	13.816	117	43659	17.32	ug/l	91
91) 1,2-Dichlorobenzene	13.599	146	117780	18.60	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.221	75	13833	16.14	ug/l	92
93) 1,2,4-Trichlorobenzene	14.854	180	65807	18.68	ug/l	98
94) Hexachlorobutadiene	14.948	225	35971	18.40	ug/l	100
95) Naphthalene	15.074	128	166137	19.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	62014	18.35	ug/l	97

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

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