

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067333.D
 Acq On : 14 Jun 2021 20:27
 Operator : JC/MD
 Sample : VN0614WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:16:20 PM

Quant Time: Jun 15 05:22:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	341962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	672485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	612067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	248765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	340420	50.463	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.920%			
35) Dibromofluoromethane	8.021	113	220166	49.226	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.460%			
50) Toluene-d8	10.443	98	835286	48.726	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.460%			
62) 4-Bromofluorobenzene	12.733	95	333834	47.188	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	101643	19.020	ug/l	99
3) Chloromethane	2.298	50	105933	20.406	ug/l	99
4) Vinyl Chloride	2.440	62	105138	20.658	ug/l	99
5) Bromomethane	2.832	94	48498	22.460	ug/l	99
6) Chloroethane	3.003	64	62435	19.969	ug/l	100
7) Trichlorofluoromethane	3.365	101	138437	19.596	ug/l	97
8) Diethyl Ether	3.821	74	55068	19.163	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.202	101	83046	19.544	ug/l	99
10) Methyl Iodide	4.409	142	70684	20.765	ug/l	99
11) Tert butyl alcohol	5.396	59	103026	92.772	ug/l	97
12) 1,1-Dichloroethene	4.170	96	79853	19.470	ug/l	98
13) Acrolein	4.033	56	60911	87.870	ug/l	97
14) Allyl chloride	4.830	41	172702	18.979	ug/l	99
15) Acrylonitrile	5.557	53	249446	102.338	ug/l	99
16) Acetone	4.291	43	227414	87.846	ug/l	100
17) Carbon Disulfide	4.521	76	247366	18.674	ug/l	99
18) Methyl Acetate	4.857	43	120784	19.242	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	342401	20.798	ug/l	100
20) Methylene Chloride	5.090	84	100234	18.609	ug/l	97
21) trans-1,2-Dichloroethene	5.597	96	88157	19.397	ug/l	97
22) Diisopropyl ether	6.501	45	341415	20.326	ug/l	97
23) Vinyl Acetate	6.434	43	1509871	98.098	ug/l	100
24) 1,1-Dichloroethane	6.385	63	188448	19.999	ug/l	99
25) 2-Butanone	7.343	43	360938	97.572	ug/l	100
26) 2,2-Dichloropropane	7.324	77	167201	17.507	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	103950	19.437	ug/l	98
28) Bromochloromethane	7.657	49	82713	18.862	ug/l	99
29) Tetrahydrofuran	7.694	42	238580	102.295	ug/l	100
30) Chloroform	7.817	83	192967	19.506	ug/l	99
31) Cyclohexane	8.094	56	176428	19.238	ug/l	98
32) 1,1,1-Trichloroethane	8.013	97	177105	19.490	ug/l	99
36) 1,1-Dichloropropene	8.220	75	139025	18.441	ug/l	100
37) Ethyl Acetate	7.418	43	155159	19.425	ug/l	99
38) Carbon Tetrachloride	8.206	117	147134	18.157	ug/l	98
39) Methylcyclohexane	9.461	83	153393	19.224	ug/l	97
40) Benzene	8.461	78	401584	19.084	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	79232	19.082	ug/l	97
42) 1,2-Dichloroethane	8.531	62	170604	19.187	ug/l	99
43) Isopropyl Acetate	8.566	43	265397	18.512	ug/l	99
44) Trichloroethene	9.217	130	94265	19.157	ug/l	97
45) 1,2-Dichloropropane	9.494	63	108534	19.339	ug/l	99
46) Dibromomethane	9.579	93	72707	19.042	ug/l	100
47) Bromodichloromethane	9.765	83	156453	18.267	ug/l	97
48) Methyl methacrylate	9.563	41	121057	18.519	ug/l	98
49) 1,4-Dioxane	9.574	88	35082	392.116	ug/l	99
51) 4-Methyl-2-Pentanone	10.336	43	787853	95.451	ug/l	99
52) Toluene	10.510	92	250044	18.897	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	170544	17.981	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	178110	18.581	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	96795	18.920	ug/l	98
56) Ethyl methacrylate	10.765	69	175676	19.100	ug/l	99
57) 1,3-Dichloropropane	11.049	76	176330	18.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	212763	79.488	ug/l	98
59) 2-Hexanone	11.089	43	565426	93.503	ug/l	99
60) Dibromochloromethane	11.242	129	104032	18.598	ug/l	98
61) 1,2-Dibromoethane	11.350	107	99293	18.538	ug/l	99
64) Tetrachloroethene	10.979	164	85153	19.594	ug/l	99
65) Chlorobenzene	11.773	112	253390	19.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	94551	19.063	ug/l	99
67) Ethyl Benzene	11.848	91	498783	18.937	ug/l	99
68) m/p-Xylenes	11.956	106	351316	37.522	ug/l	100
69) o-Xylene	12.286	106	176767	19.302	ug/l	99
70) Styrene	12.299	104	287001	18.854	ug/l	100
71) Bromoform	12.463	173	69186	18.256	ug/l #	98
73) Isopropylbenzene	12.583	105	462770	19.387	ug/l	99
74) N-amyl acetate	12.390	43	220762	18.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.833	83	140316	19.717	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	123515m	19.120	ug/l	
77) Bromobenzene	12.865	156	93434	19.221	ug/l	99
78) n-propylbenzene	12.924	91	544803	19.189	ug/l	99
79) 2-Chlorotoluene	13.012	91	336097	19.012	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	387808	19.286	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.632	75	45901	17.609	ug/l	99
82) 4-Chlorotoluene	13.109	91	337948	19.200	ug/l	97
83) tert-Butylbenzene	13.329	119	308137	19.245	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	380261	19.141	ug/l	100
85) sec-Butylbenzene	13.506	105	449144	19.813	ug/l	99
86) p-Isopropyltoluene	13.619	119	345710	18.896	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	168725	19.242	ug/l	99
88) 1,4-Dichlorobenzene	13.699	146	166335	18.859	ug/l	97
89) n-Butylbenzene	13.946	91	322124	18.738	ug/l	99
90) Hexachloroethane	14.214	117	70372	19.669	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	164806	19.809	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.608	75	31905	17.934	ug/l	98
93) 1,2,4-Trichlorobenzene	15.271	180	80970	18.640	ug/l	99
94) Hexachlorobutadiene	15.375	225	46060	18.465	ug/l	100
95) Naphthalene	15.512	128	244421	17.940	ug/l	99
96) 1,2,3-Trichlorobenzene	15.708	180	77252	18.525	ug/l	99

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

