

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041921\
 Data File : VN066654.D
 Acq On : 19 Apr 2021 11:59
 Operator : JC/MD
 Sample : VN0419WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:30:58 PM

Quant Time: Apr 20 04:53:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	239283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	382899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	349023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	154417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	166332	46.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.16%		
35) Dibromofluoromethane	7.510	113	130289	49.07	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.14%		
50) Toluene-d8	10.026	98	498167	47.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.74%		
62) 4-Bromofluorobenzene	12.346	95	166790	45.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.16%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	47236	16.25	ug/l	95
3) Chloromethane	2.034	50	66903	15.78	ug/l	100
4) Vinyl Chloride	2.163	62	62592	16.96	ug/l	99
5) Bromomethane	2.503	94	38304	16.67	ug/l	99
6) Chloroethane	2.653	64	36524	16.50	ug/l	98
7) Trichlorofluoromethane	2.967	101	68171	15.95	ug/l	98
8) Diethyl Ether	3.356	74	30692	17.56	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.691	101	42793	16.95	ug/l #	88
10) Methyl Iodide	3.884	142	62569	17.84	ug/l	99
11) Tert butyl alcohol	4.702	59	42283	72.98	ug/l #	91
12) 1,1-Dichloroethene	3.675	96	41807	16.91	ug/l	95
13) Acrolein	3.546	56	25423	82.34	ug/l	99
14) Allyl chloride	4.246	41	87876	82.46	ug/l	93
15) Acrylonitrile	4.890	53	128067	80.31	ug/l	99
16) Acetone	3.753	43	104408	74.96	ug/l	97
17) Carbon Disulfide	3.981	76	127435	15.29	ug/l	97
18) Methyl Acetate	4.249	43	66224	17.03	ug/l	95
19) Methyl tert-butyl Ether	4.954	73	152548	17.42	ug/l	92
20) Methylene Chloride	4.466	84	57264	16.79	ug/l	94
21) trans-1,2-Dichloroethene	4.952	96	47913	17.21	ug/l	92
22) Diisopropyl ether	5.861	45	184747	17.47	ug/l	93
23) Vinyl Acetate	5.802	43	736856	83.44	ug/l	96
24) 1,1-Dichloroethane	5.756	63	97671	16.96	ug/l	99
25) 2-Butanone	6.746	43	156567	73.58	ug/l	95
26) 2,2-Dichloropropane	6.733	77	78136	17.12	ug/l	98
27) cis-1,2-Dichloroethene	6.735	96	54961	17.04	ug/l	91
28) Bromochloromethane	7.108	49	47969	16.07	ug/l	83
29) Tetrahydrofuran	7.124	42	109540	76.50	ug/l	92
30) Chloroform	7.290	83	92761	17.13	ug/l	100
31) Cyclohexane	7.575	56	82908	15.97	ug/l	90
32) 1,1,1-Trichloroethane	7.489	97	73527	16.44	ug/l	96
36) 1,1-Dichloropropene	7.714	75	66052	17.12	ug/l	98
37) Ethyl Acetate	6.840	43	72479	16.56	ug/l	95
38) Carbon Tetrachloride	7.695	117	62930	17.41	ug/l	99
39) Methylcyclohexane	9.012	83	74017	16.84	ug/l	91
40) Benzene	7.966	78	215924	17.47	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.100	41	36321m	18.14	ug/l	
42) 1,2-Dichloroethane	8.049	62	72996	17.20	ug/l	100
43) Isopropyl Acetate	8.092	43	117430	16.07	ug/l #	88
44) Trichloroethene	8.768	130	50493	17.68	ug/l	98
45) 1,2-Dichloropropane	9.050	63	60283	17.52	ug/l	99
46) Dibromomethane	9.141	93	35632	17.26	ug/l	97
47) Bromodichloromethane	9.337	83	75153	17.74	ug/l	99
48) Methyl methacrylate	9.133	41	52148	15.86	ug/l	90
49) 1,4-Dioxane	9.133	88	16190	279.83	ug/l #	88
51) 4-Methyl-2-Pentanone	9.919	43	332589	77.33	ug/l	96
52) Toluene	10.090	92	128799	17.68	ug/l	100
53) t-1,3-Dichloropropene	10.321	75	78434	17.14	ug/l	96
54) cis-1,3-Dichloropropene	9.777	75	88434	17.54	ug/l	96
55) 1,1,2-Trichloroethane	10.501	97	53600	17.81	ug/l	98
56) Ethyl methacrylate	10.369	69	68289	16.02	ug/l	94
57) 1,3-Dichloropropane	10.646	76	86777	17.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	46368	68.56	ug/l	94
59) 2-Hexanone	10.694	43	196523	67.74	ug/l	96
60) Dibromochloromethane	10.841	129	55822	17.78	ug/l	100
61) 1,2-Dibromoethane	10.946	107	52174	17.65	ug/l	98
64) Tetrachloroethene	10.571	164	43142	17.76	ug/l	100
65) Chlorobenzene	11.375	112	134350	17.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.450	131	51463	18.68	ug/l	98
67) Ethyl Benzene	11.453	91	232179	17.57	ug/l	98
68) m/p-Xylenes	11.563	106	175617	36.41	ug/l	99
69) o-Xylene	11.890	106	86025	18.28	ug/l	98
70) Styrene	11.909	104	131875	17.98	ug/l	98
71) Bromoform	12.072	173	38209	18.38	ug/l #	100
73) Isopropylbenzene	12.193	105	219571	18.67	ug/l	100
74) N-amyl acetate	12.032	43	26701m	15.82	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.448	83	77139	17.62	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	66305m	18.36	ug/l	
77) Bromobenzene	12.469	156	56874	19.60	ug/l	97
78) n-propylbenzene	12.536	91	243649	17.92	ug/l	99
79) 2-Chlorotoluene	12.617	91	154254	18.55	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	185952	18.74	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.249	75	17134	16.36	ug/l	98
82) 4-Chlorotoluene	12.716	91	146737	17.94	ug/l	97
83) tert-Butylbenzene	12.936	119	151461	18.14	ug/l	98
84) 1,2,4-Trimethylbenzene	12.984	105	173237	18.49	ug/l	98
85) sec-Butylbenzene	13.116	105	199929	17.72	ug/l	99
86) p-Isopropyltoluene	13.234	119	169837	18.34	ug/l	99
87) 1,3-Dichlorobenzene	13.228	146	91702	17.88	ug/l	100
88) 1,4-Dichlorobenzene	13.309	146	94563	18.13	ug/l	98
89) n-Butylbenzene	13.561	91	143617	18.53	ug/l	97
90) Hexachloroethane	13.816	117	36633	17.89	ug/l	97
91) 1,2-Dichlorobenzene	13.598	146	91791	18.05	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.218	75	11731	15.79	ug/l	88
93) 1,2,4-Trichlorobenzene	14.854	180	53867	18.81	ug/l	98
94) Hexachlorobutadiene	14.947	225	28866	17.84	ug/l	99
95) Naphthalene	15.074	128	132184	16.77	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	51431	17.48	ug/l	99

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

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