

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041921\
 Data File : VN066657.D
 Acq On : 19 Apr 2021 13:08
 Operator : JC/MD
 Sample : VN0419WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 04:55:03 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	7.591	168	245031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	392908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	358246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	168013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	172442	46.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.30%		
35) Dibromofluoromethane	7.513	113	137342	50.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.80%		
50) Toluene-d8	10.029	98	527437	49.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.78%		
62) 4-Bromofluorobenzene	12.346	95	178284	47.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.96%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.835	85	50867	17.09	ug/l	97
3) Chloromethane	2.034	50	71961	16.58	ug/l	98
4) Vinyl Chloride	2.163	62	66783	17.67	ug/l	100
5) Bromomethane	2.509	94	40352	17.15	ug/l	100
6) Chloroethane	2.656	64	40881	18.04	ug/l	97
7) Trichlorofluoromethane	2.970	101	75683	17.29	ug/l	95
8) Diethyl Ether	3.359	74	32349	18.08	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.697	101	46775	18.09	ug/l	98
10) Methyl Iodide	3.884	142	67869	18.90	ug/l	99
11) Tert butyl alcohol	4.710	59	45540	76.76	ug/l	95
12) 1,1-Dichloroethene	3.673	96	45547	17.99	ug/l	91
13) Acrolein	3.549	56	24811	78.47	ug/l	97
14) Allyl chloride	4.249	41	93490	85.67	ug/l	95
15) Acrylonitrile	4.896	53	134915	82.62	ug/l	98
16) Acetone	3.753	43	117902	83.57	ug/l	97
17) Carbon Disulfide	3.984	76	137104	16.06	ug/l	97
18) Methyl Acetate	4.252	43	69959	17.57	ug/l	96
19) Methyl tert-butyl Ether	4.955	73	160315	17.88	ug/l	97
20) Methylene Chloride	4.469	84	60814	17.41	ug/l	96
21) trans-1,2-Dichloroethene	4.952	96	51570	18.09	ug/l	92
22) Diisopropyl ether	5.866	45	195854	18.09	ug/l	95
23) Vinyl Acetate	5.807	43	770313	85.18	ug/l	96
24) 1,1-Dichloroethane	5.759	63	105014	17.81	ug/l	97
25) 2-Butanone	6.746	43	172666	79.24	ug/l	92
26) 2,2-Dichloropropane	6.735	77	86701	18.55	ug/l	98
27) cis-1,2-Dichloroethene	6.743	96	59245	17.94	ug/l	91
28) Bromochloromethane	7.114	49	50717	16.59	ug/l	85
29) Tetrahydrofuran	7.130	42	116761	79.63	ug/l	92
30) Chloroform	7.293	83	100867	18.19	ug/l	99
31) Cyclohexane	7.578	56	91754	17.26	ug/l	92
32) 1,1,1-Trichloroethane	7.492	97	82648	18.04	ug/l	97
36) 1,1-Dichloropropene	7.717	75	71460	18.04	ug/l	98
37) Ethyl Acetate	6.845	43	76090	16.94	ug/l	97
38) Carbon Tetrachloride	7.698	117	70160	18.91	ug/l	99
39) Methylcyclohexane	9.015	83	81782	18.14	ug/l	94
40) Benzene	7.969	78	234567	18.49	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.092	41	35365m	17.21	ug/l	
42) 1,2-Dichloroethane	8.052	62	77858	17.88	ug/l	98
43) Isopropyl Acetate	8.095	43	127950	17.06	ug/l #	88
44) Trichloroethene	8.768	130	54775	18.69	ug/l	99
45) 1,2-Dichloropropane	9.050	63	65042	18.42	ug/l	99
46) Dibromomethane	9.144	93	37665	17.78	ug/l	99
47) Bromodichloromethane	9.340	83	80266	18.46	ug/l	98
48) Methyl methacrylate	9.136	41	55553	16.47	ug/l	91
49) 1,4-Dioxane	9.136	88	17268	291.46	ug/l	90
51) 4-Methyl-2-Pentanone	9.922	43	358529	81.23	ug/l	95
52) Toluene	10.093	92	139415	18.65	ug/l	99
53) t-1,3-Dichloropropene	10.324	75	85793	18.27	ug/l	99
54) cis-1,3-Dichloropropene	9.777	75	95046	18.37	ug/l	95
55) 1,1,2-Trichloroethane	10.501	97	55659	18.03	ug/l	93
56) Ethyl methacrylate	10.372	69	72376	16.52	ug/l	93
57) 1,3-Dichloropropane	10.646	76	93889	18.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.635	63	53180	76.01	ug/l	95
59) 2-Hexanone	10.694	43	217935	72.82	ug/l	96
60) Dibromochloromethane	10.841	129	59887	18.59	ug/l	98
61) 1,2-Dibromoethane	10.946	107	54325	17.91	ug/l	100
64) Tetrachloroethene	10.573	164	49374	19.80	ug/l	98
65) Chlorobenzene	11.375	112	145077	18.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.450	131	55620	19.67	ug/l	99
67) Ethyl Benzene	11.456	91	250922	18.50	ug/l	100
68) m/p-Xylenes	11.566	106	190270	38.43	ug/l	99
69) o-Xylene	11.893	106	93692	19.40	ug/l	99
70) Styrene	11.909	104	145725	19.36	ug/l	99
71) Bromoform	12.073	173	40783	19.11	ug/l #	98
73) Isopropylbenzene	12.193	105	241208	18.85	ug/l	100
74) N-amyl acetate	12.035	43	28218m	15.64	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.448	83	83697	17.58	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	69489m	17.69	ug/l	
77) Bromobenzene	12.469	156	62697	19.86	ug/l	96
78) n-propylbenzene	12.536	91	272318	18.41	ug/l	98
79) 2-Chlorotoluene	12.617	91	171957	19.01	ug/l	98
80) 1,3,5-Trimethylbenzene	12.679	105	204570	18.95	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.249	75	19144	16.74	ug/l	99
82) 4-Chlorotoluene	12.719	91	169648	19.06	ug/l	95
83) tert-Butylbenzene	12.936	119	169955	18.71	ug/l	99
84) 1,2,4-Trimethylbenzene	12.984	105	192157	18.85	ug/l	99
85) sec-Butylbenzene	13.116	105	221989	18.08	ug/l	100
86) p-Isopropyltoluene	13.234	119	188949	18.76	ug/l	99
87) 1,3-Dichlorobenzene	13.228	146	102146	18.30	ug/l	100
88) 1,4-Dichlorobenzene	13.306	146	103524	18.24	ug/l	99
89) n-Butylbenzene	13.561	91	154129	18.28	ug/l	99
90) Hexachloroethane	13.816	117	40924	18.37	ug/l	96
91) 1,2-Dichlorobenzene	13.599	146	102014	18.44	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.218	75	14368	17.77	ug/l	81
93) 1,2,4-Trichlorobenzene	14.854	180	55622	17.85	ug/l	97
94) Hexachlorobutadiene	14.948	225	31925	18.13	ug/l	99
95) Naphthalene	15.074	128	125967	14.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	53395	16.68	ug/l	98

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

