

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066783.D
 Acq On : 27 Apr 2021 16:06
 Operator : JC/MD
 Sample : VN0427WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:50 PM

Quant Time: Apr 28 08:10:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	320161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	519190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	463289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	207474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	199267	48.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.88%		
35) Dibromofluoromethane	7.513	113	159023	49.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.24%		
50) Toluene-d8	10.029	98	614518	48.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.70%		
62) 4-Bromofluorobenzene	12.346	95	203927	47.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.82%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	64932	18.72	ug/l	99
3) Chloromethane	2.037	50	81331	17.86	ug/l	99
4) Vinyl Chloride	2.163	62	81040	18.22	ug/l	99
5) Bromomethane	2.517	94	53462	18.42	ug/l	100
6) Chloroethane	2.661	64	50516	18.24	ug/l	100
7) Trichlorofluoromethane	2.973	101	98613	18.44	ug/l	100
8) Diethyl Ether	3.359	74	40204	18.52	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.694	101	58671	18.54	ug/l	98
10) Methyl Iodide	3.887	142	85401	17.67	ug/l	99
11) Tert butyl alcohol	4.702	59	56141	88.50	ug/l	97
12) 1,1-Dichloroethene	3.675	96	58767	18.34	ug/l	94
13) Acrolein	3.546	56	41925	79.13	ug/l	97
14) Allyl chloride	4.249	41	110100	18.29	ug/l	98
15) Acrylonitrile	4.896	53	157666	93.74	ug/l	98
16) Acetone	3.753	43	131295	84.60	ug/l	96
17) Carbon Disulfide	3.986	76	178348	18.14	ug/l	98
18) Methyl Acetate	4.252	43	73379	18.25	ug/l	96
19) Methyl tert-butyl Ether	4.957	73	202626	18.47	ug/l	97
20) Methylene Chloride	4.469	84	73294	18.64	ug/l	98
21) trans-1,2-Dichloroethene	4.955	96	64388	18.68	ug/l	94
22) Diisopropyl ether	5.864	45	227443	18.94	ug/l	91
23) Vinyl Acetate	5.807	43	944851	94.56	ug/l	97
24) 1,1-Dichloroethane	5.759	63	121715	18.30	ug/l	99
25) 2-Butanone	6.749	43	196242	89.94	ug/l	94
26) 2,2-Dichloropropane	6.735	77	103682	18.36	ug/l	98
27) cis-1,2-Dichloroethene	6.741	96	74444	18.67	ug/l	95
28) Bromochloromethane	7.111	49	55425	18.16	ug/l	89
29) Tetrahydrofuran	7.130	42	136947	91.87	ug/l	95
30) Chloroform	7.293	83	120178	18.61	ug/l	98
31) Cyclohexane	7.577	56	114112	17.94	ug/l	98
32) 1,1,1-Trichloroethane	7.492	97	99945	18.11	ug/l	97
36) 1,1-Dichloropropene	7.717	75	88360	18.32	ug/l	99
37) Ethyl Acetate	6.843	43	92189	17.99	ug/l	98
38) Carbon Tetrachloride	7.698	117	83851	18.12	ug/l	100
39) Methylcyclohexane	9.015	83	109978	19.27	ug/l	96
40) Benzene	7.969	78	283500	18.93	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.092	41	39033	16.75	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	96062	18.99	ug/l	98
43) Isopropyl Acetate	8.092	43	149318	18.34	ug/l #	89
44) Trichloroethene	8.771	130	69510	19.08	ug/l	97
45) 1,2-Dichloropropane	9.050	63	75349	18.85	ug/l	98
46) Dibromomethane	9.141	93	46409	19.01	ug/l	98
47) Bromodichloromethane	9.340	83	95804	18.73	ug/l	98
48) Methyl methacrylate	9.138	41	65972	18.58	ug/l	95
49) 1,4-Dioxane	9.136	88	20214	380.42	ug/l #	93
51) 4-Methyl-2-Pentanone	9.922	43	418332	94.54	ug/l	97
52) Toluene	10.093	92	172623	19.16	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	104687	19.12	ug/l	100
54) cis-1,3-Dichloropropene	9.777	75	117504	19.16	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	67459	19.50	ug/l	96
56) Ethyl methacrylate	10.372	69	90609	18.00	ug/l	94
57) 1,3-Dichloropropane	10.646	76	113745	19.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	86168	90.52	ug/l	96
59) 2-Hexanone	10.694	43	251630	86.16	ug/l	98
60) Dibromochloromethane	10.841	129	71393	18.94	ug/l	99
61) 1,2-Dibromoethane	10.946	107	67675	19.50	ug/l	99
64) Tetrachloroethene	10.571	164	58647	19.14	ug/l	98
65) Chlorobenzene	11.375	112	178785	19.19	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.450	131	65799	18.93	ug/l	99
67) Ethyl Benzene	11.453	91	316648	19.38	ug/l	99
68) m/p-Xylenes	11.563	106	237824	39.67	ug/l	99
69) o-Xylene	11.890	106	114881	19.19	ug/l	99
70) Styrene	11.909	104	178257	18.47	ug/l	97
71) Bromoform	12.072	173	47789	18.99	ug/l #	99
73) Isopropylbenzene	12.193	105	302067	19.86	ug/l	100
74) N-amyl acetate	12.035	43	23655	6.59	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.448	83	95905	19.16	ug/l	98
76) 1,2,3-Trichloropropane	12.499	75	82574m	18.88	ug/l	
77) Bromobenzene	12.469	156	73405	19.57	ug/l	97
78) n-propylbenzene	12.534	91	336928	20.09	ug/l	99
79) 2-Chlorotoluene	12.617	91	204585	19.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.676	105	250311	19.49	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.249	75	20938	18.63	ug/l	91
82) 4-Chlorotoluene	12.716	91	198411	19.27	ug/l	99
83) tert-Butylbenzene	12.936	119	207916	18.90	ug/l	98
84) 1,2,4-Trimethylbenzene	12.984	105	234810	19.42	ug/l	97
85) sec-Butylbenzene	13.116	105	277613	19.46	ug/l	99
86) p-Isopropyltoluene	13.234	119	238216	19.45	ug/l	99
87) 1,3-Dichlorobenzene	13.228	146	122882	19.26	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	123727	18.25	ug/l	96
89) n-Butylbenzene	13.561	91	198009	18.97	ug/l	98
90) Hexachloroethane	13.816	117	46863	18.29	ug/l	93
91) 1,2-Dichlorobenzene	13.599	146	123658	19.12	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.221	75	15329	17.09	ug/l	91
93) 1,2,4-Trichlorobenzene	14.854	180	74007	20.67	ug/l	98
94) Hexachlorobutadiene	14.948	225	38251	19.26	ug/l	98
95) Naphthalene	15.074	128	184261	20.00	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	69286	20.01	ug/l	97

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

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