

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066782.D
 Acq On : 27 Apr 2021 15:43
 Operator : JC/MD
 Sample : VN0427WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:49 PM

Quant Time: Apr 28 08:09:53 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	7.588	168	326371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	523545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	465837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	213645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	200130	47.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.46%		
35) Dibromofluoromethane	7.511	113	160007	49.51	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.02%		
50) Toluene-d8	10.026	98	625748	49.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.66%		
62) 4-Bromofluorobenzene	12.346	95	206520	48.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.24%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	66043	18.68	ug/l	98
3) Chloromethane	2.037	50	82585	17.79	ug/l	98
4) Vinyl Chloride	2.163	62	82480	18.19	ug/l	100
5) Bromomethane	2.517	94	56588	19.13	ug/l	97
6) Chloroethane	2.662	64	52034	18.43	ug/l	99
7) Trichlorofluoromethane	2.973	101	100808	18.49	ug/l	99
8) Diethyl Ether	3.356	74	39854	18.01	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.697	101	60163	18.65	ug/l	98
10) Methyl Iodide	3.887	142	83359	16.92	ug/l	99
11) Tert butyl alcohol	4.703	59	51666	79.90	ug/l	100
12) 1,1-Dichloroethene	3.675	96	59735	18.29	ug/l	92
13) Acrolein	3.547	56	39264	72.70	ug/l	99
14) Allyl chloride	4.247	41	109846	17.90	ug/l	96
15) Acrylonitrile	4.893	53	151240	88.21	ug/l	99
16) Acetone	3.750	43	137704	87.04	ug/l	97
17) Carbon Disulfide	3.986	76	181301	18.09	ug/l	98
18) Methyl Acetate	4.249	43	70805	17.34	ug/l	97
19) Methyl tert-butyl Ether	4.955	73	200782	17.95	ug/l	99
20) Methylene Chloride	4.469	84	72997	18.21	ug/l	97
21) trans-1,2-Dichloroethene	4.952	96	65124	18.54	ug/l	92
22) Diisopropyl ether	5.861	45	227078	18.55	ug/l	92
23) Vinyl Acetate	5.805	43	924908	90.81	ug/l	98
24) 1,1-Dichloroethane	5.757	63	124297	18.33	ug/l	98
25) 2-Butanone	6.744	43	187858	84.46	ug/l	95
26) 2,2-Dichloropropane	6.733	77	108116	18.78	ug/l	99
27) cis-1,2-Dichloroethene	6.741	96	75464	18.57	ug/l	95
28) Bromochloromethane	7.111	49	55151	17.73	ug/l	88
29) Tetrahydrofuran	7.127	42	130951	86.17	ug/l	95
30) Chloroform	7.291	83	119407	18.14	ug/l	100
31) Cyclohexane	7.578	56	116148	17.91	ug/l	96
32) 1,1,1-Trichloroethane	7.489	97	102015	18.13	ug/l	97
36) 1,1-Dichloropropene	7.717	75	90548	18.61	ug/l	99
37) Ethyl Acetate	6.843	43	89575	17.34	ug/l	97
38) Carbon Tetrachloride	7.696	117	85526	18.33	ug/l	98
39) Methylcyclohexane	9.015	83	109980	19.11	ug/l	95
40) Benzene	7.967	78	284663	18.85	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.098	41	40194m	17.10	ug/l	
42) 1,2-Dichloroethane	8.050	62	95584	18.74	ug/l	98
43) Isopropyl Acetate	8.093	43	145651	17.74	ug/l	96
44) Trichloroethene	8.766	130	70480	19.19	ug/l	99
45) 1,2-Dichloropropane	9.050	63	75889	18.83	ug/l	99
46) Dibromomethane	9.141	93	46207	18.77	ug/l	97
47) Bromodichloromethane	9.337	83	95950	18.60	ug/l	99
48) Methyl methacrylate	9.136	41	63129	17.63	ug/l	94
49) 1,4-Dioxane	9.136	88	19427	362.56	ug/l	96
51) 4-Methyl-2-Pentanone	9.919	43	400695	89.80	ug/l	97
52) Toluene	10.093	92	174814	19.25	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	104978	19.01	ug/l	99
54) cis-1,3-Dichloropropene	9.774	75	117635	19.02	ug/l	95
55) 1,1,2-Trichloroethane	10.501	97	66070	18.94	ug/l	96
56) Ethyl methacrylate	10.370	69	87632	17.39	ug/l	91
57) 1,3-Dichloropropane	10.646	76	113226	18.97	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.632	63	91089	94.36	ug/l	96
59) 2-Hexanone	10.694	43	237770	81.96	ug/l	97
60) Dibromochloromethane	10.842	129	70187	18.47	ug/l	98
61) 1,2-Dibromoethane	10.946	107	66120	18.89	ug/l	99
64) Tetrachloroethene	10.571	164	60928	19.78	ug/l	98
65) Chlorobenzene	11.375	112	178374	19.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.450	131	66823	19.12	ug/l	99
67) Ethyl Benzene	11.453	91	318003	19.35	ug/l	98
68) m/p-Xylenes	11.563	106	238700	39.60	ug/l	98
69) o-Xylene	11.890	106	115993	19.27	ug/l	99
70) Styrene	11.909	104	176656	18.25	ug/l	98
71) Bromoform	12.070	173	47323	18.70	ug/l #	98
73) Isopropylbenzene	12.193	105	305895	19.53	ug/l	100
74) N-amyl acetate	12.035	43	22605	6.11	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.448	83	93077	18.06	ug/l	99
76) 1,2,3-Trichloropropane	12.496	75	79272m	17.60	ug/l	
77) Bromobenzene	12.467	156	73569	19.04	ug/l	98
78) n-propylbenzene	12.534	91	340569	19.72	ug/l	99
79) 2-Chlorotoluene	12.617	91	206277	18.78	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	252053	19.06	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.247	75	21906	18.82	ug/l	97
82) 4-Chlorotoluene	12.716	91	204983	19.33	ug/l	97
83) tert-Butylbenzene	12.936	119	211914	18.71	ug/l	99
84) 1,2,4-Trimethylbenzene	12.985	105	237094	19.04	ug/l	99
85) sec-Butylbenzene	13.113	105	279574	19.03	ug/l	100
86) p-Isopropyltoluene	13.234	119	240350	19.06	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	124657	18.98	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	126248	18.08	ug/l	99
89) n-Butylbenzene	13.561	91	191163	17.79	ug/l	100
90) Hexachloroethane	13.813	117	47966	18.18	ug/l	98
91) 1,2-Dichlorobenzene	13.599	146	125809	18.89	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.221	75	15037	16.28	ug/l	84
93) 1,2,4-Trichlorobenzene	14.854	180	70467	19.11	ug/l	98
94) Hexachlorobutadiene	14.948	225	39825	19.47	ug/l	98
95) Naphthalene	15.071	128	170782	18.00	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	65462	18.36	ug/l	97

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

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