

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043021\
 Data File : VN066907.D
 Acq On : 30 Apr 2021 14:06
 Operator : JC/MD
 Sample : VN0430WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/3/2021 11:38:58 AM

Quant Time: May 01 01:45:58 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	277379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	414195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	377411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	178731	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	148038	41.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 83.08%			
35) Dibromofluoromethane	7.510	113	136518	53.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.80%			
50) Toluene-d8	10.029	98	511482	50.97	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.94%			
62) 4-Bromofluorobenzene	12.346	95	172659	50.85	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.70%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	49630	16.52	ug/l	98
3) Chloromethane	2.037	50	68170	17.28	ug/l	99
4) Vinyl Chloride	2.163	62	69468	18.03	ug/l	100
5) Bromomethane	2.514	94	45380	18.05	ug/l	99
6) Chloroethane	2.659	64	41616	17.35	ug/l	97
7) Trichlorofluoromethane	2.970	101	82236	17.75	ug/l	98
8) Diethyl Ether	3.353	74	33245	17.68	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.697	101	49462	18.04	ug/l	95
10) Methyl Iodide	3.887	142	74869	17.88	ug/l	96
11) Tert butyl alcohol	4.700	59	44692	81.32	ug/l	98
12) 1,1-Dichloroethene	3.672	96	47610	17.15	ug/l	96
13) Acrolein	3.546	56	39737	86.57	ug/l	96
14) Allyl chloride	4.246	41	78353	15.02	ug/l	91
15) Acrylonitrile	4.893	53	129473	88.85	ug/l	96
16) Acetone	3.753	43	93070	69.22	ug/l	94
17) Carbon Disulfide	3.984	76	139658	16.40	ug/l	99
18) Methyl Acetate	4.252	43	59227	17.08	ug/l	98
19) Methyl tert-butyl Ether	4.957	73	158430	16.67	ug/l	98
20) Methylene Chloride	4.469	84	61467	18.04	ug/l	96
21) trans-1,2-Dichloroethene	4.952	96	53161	17.80	ug/l	99
22) Diisopropyl ether	5.861	45	164180	15.78	ug/l	95
23) Vinyl Acetate	5.805	43	659032	76.13	ug/l	98
24) 1,1-Dichloroethane	5.756	63	98230	17.05	ug/l	99
25) 2-Butanone	6.746	43	144708	76.55	ug/l	98
26) 2,2-Dichloropropane	6.733	77	80699	16.50	ug/l	100
27) cis-1,2-Dichloroethene	6.738	96	61746	17.88	ug/l	98
28) Bromochloromethane	7.108	49	44032	16.65	ug/l	96
29) Tetrahydrofuran	7.127	42	101211	78.36	ug/l	97
30) Chloroform	7.288	83	97146	17.37	ug/l	100
31) Cyclohexane	7.577	56	83113	15.08	ug/l #	93
32) 1,1,1-Trichloroethane	7.489	97	81011	16.94	ug/l	97
36) 1,1-Dichloropropene	7.714	75	67938	17.65	ug/l	97
37) Ethyl Acetate	6.840	43	65258	15.96	ug/l	97
38) Carbon Tetrachloride	7.695	117	71469	19.36	ug/l	97
39) Methylcyclohexane	9.015	83	83006	18.23	ug/l	99
40) Benzene	7.966	78	230478	19.29	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.103	41	33324m	17.93	ug/l	
42) 1,2-Dichloroethane	8.049	62	71063	17.61	ug/l	98
43) Isopropyl Acetate	8.092	43	108378	16.69	ug/l	98
44) Trichloroethene	8.768	130	58694	20.20	ug/l	98
45) 1,2-Dichloropropane	9.050	63	61238	19.20	ug/l	99
46) Dibromomethane	9.141	93	38812	19.92	ug/l	94
47) Bromodichloromethane	9.337	83	78229	19.17	ug/l	96
48) Methyl methacrylate	9.136	41	43958	15.52	ug/l	91
49) 1,4-Dioxane	9.138	88	18025	425.21	ug/l	98
51) 4-Methyl-2-Pentanone	9.922	43	304476	86.25	ug/l	98
52) Toluene	10.093	92	142508	19.83	ug/l	98
53) t-1,3-Dichloropropene	10.321	75	82404	18.87	ug/l	97
54) cis-1,3-Dichloropropene	9.777	75	92946	18.99	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	58775	21.29	ug/l	99
56) Ethyl methacrylate	10.372	69	70669	17.67	ug/l	91
57) 1,3-Dichloropropane	10.648	76	93123	19.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	71111	93.26	ug/l	99
59) 2-Hexanone	10.694	43	179524	79.12	ug/l	95
60) Dibromochloromethane	10.841	129	63932	21.26	ug/l	100
61) 1,2-Dibromoethane	10.946	107	58251	21.03	ug/l	98
64) Tetrachloroethene	10.573	164	55845	22.38	ug/l	98
65) Chlorobenzene	11.375	112	153290	20.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	59170	20.90	ug/l	99
67) Ethyl Benzene	11.456	91	251301	18.88	ug/l	99
68) m/p-Xylenes	11.566	106	196461	40.23	ug/l	98
69) o-Xylene	11.893	106	94853	19.45	ug/l	97
70) Styrene	11.912	104	145758	18.53	ug/l	99
71) Bromoform	12.075	173	45822	22.35	ug/l #	99
73) Isopropylbenzene	12.193	105	245125	18.71	ug/l	99
74) N-amyl acetate	12.046	43	8886	2.87	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.451	83	84680	19.64	ug/l	100
76) 1,2,3-Trichloropropane	12.499	75	72070m	19.13	ug/l	
77) Bromobenzene	12.469	156	68312	21.14	ug/l	92
78) n-propylbenzene	12.536	91	268070	18.55	ug/l	98
79) 2-Chlorotoluene	12.620	91	172061	18.72	ug/l	98
80) 1,3,5-Trimethylbenzene	12.679	105	210224	19.01	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.252	75	17482	18.28	ug/l	91
82) 4-Chlorotoluene	12.719	91	165738	18.69	ug/l	100
83) tert-Butylbenzene	12.936	119	180681	19.07	ug/l	96
84) 1,2,4-Trimethylbenzene	12.987	105	196941	18.91	ug/l	96
85) sec-Butylbenzene	13.116	105	231881	18.87	ug/l	99
86) p-Isopropyltoluene	13.234	119	201406	19.09	ug/l	98
87) 1,3-Dichlorobenzene	13.228	146	110690	20.14	ug/l	99
88) 1,4-Dichlorobenzene	13.309	146	120319	20.60	ug/l	97
89) n-Butylbenzene	13.564	91	146028	16.24	ug/l	99
90) Hexachloroethane	13.816	117	42172	19.10	ug/l	84
91) 1,2-Dichlorobenzene	13.598	146	112696	20.23	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.223	75	11740	15.19	ug/l	88
93) 1,2,4-Trichlorobenzene	14.856	180	64425	20.88	ug/l	97
94) Hexachlorobutadiene	14.950	225	37057	21.66	ug/l	99
95) Naphthalene	15.074	128	160654	20.24	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	64280	21.55	ug/l	98

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

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