

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066073.D
 Acq On : 1 Mar 2021 13:36
 Operator : JC/MD
 Sample : VN0301WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBSD02

Manual Integrations
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 3/2/2021 3:28:16 PM

Quant Time: Mar 01 21:41:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	89620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	148727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	135421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	61806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	60968	48.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.30%		
35) Dibromofluoromethane	7.547	113	42877	46.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.16%		
50) Toluene-d8	10.055	98	167875	44.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.86%		
62) 4-Bromofluorobenzene	12.373	95	63631	44.86	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.72%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.853	85	19134	16.31	ug/l	99
3) Chloromethane	2.055	50	21455	14.59	ug/l	95
4) Vinyl Chloride	2.184	62	22614	15.61	ug/l	97
5) Bromomethane	2.554	94	15351	17.30	ug/l	96
6) Chloroethane	2.692	64	12696	15.54	ug/l	93
7) Trichlorofluoromethane	3.004	101	34601	19.19	ug/l	97
8) Diethyl Ether	3.386	74	11007	16.63	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.734	101	16072	16.85	ug/l	97
10) Methyl Iodide	3.923	142	22445	15.07	ug/l	93
11) Tert butyl alcohol	4.743	59	18871	108.29	ug/l #	87
12) 1,1-Dichloroethene	3.714	96	16376	16.27	ug/l	91
13) Acrolein	3.583	56	16785	105.25	ug/l	96
14) Allyl chloride	4.293	41	25226	14.68	ug/l	90
15) Acrylonitrile	4.939	53	40428	83.66	ug/l	98
16) Acetone	3.788	43	39248	98.72	ug/l	94
17) Carbon Disulfide	4.026	76	45432	15.85	ug/l	99
18) Methyl Acetate	4.290	43	19287	18.63	ug/l #	82
19) Methyl tert-butyl Ether	5.000	73	65245	20.15	ug/l	97
20) Methylene Chloride	4.515	84	20522	17.66	ug/l	92
21) trans-1,2-Dichloroethene	5.000	96	18286	17.29	ug/l	95
22) Diisopropyl ether	5.904	45	55564	16.17	ug/l	93
23) Vinyl Acetate	5.849	43	231945	86.03	ug/l	98
24) 1,1-Dichloroethane	5.801	63	34872	17.56	ug/l	99
25) 2-Butanone	6.788	43	53269	85.87	ug/l	97
26) 2,2-Dichloropropane	6.779	77	34915	22.41	ug/l	93
27) cis-1,2-Dichloroethene	6.782	96	22381	18.57	ug/l	97
28) Bromochloromethane	7.155	49	16545	18.07	ug/l #	96
29) Tetrahydrofuran	7.164	42	33786	79.11	ug/l	93
30) Chloroform	7.332	83	37467	19.10	ug/l	99
31) Cyclohexane	7.614	56	28428	15.21	ug/l #	93
32) 1,1,1-Trichloroethane	7.528	97	34042	20.69	ug/l	99
36) 1,1-Dichloropropene	7.753	75	26418	18.01	ug/l	99
37) Ethyl Acetate	6.881	43	22127	16.71	ug/l	96
38) Carbon Tetrachloride	7.733	117	28742	21.09	ug/l	98
39) Methylcyclohexane	9.045	83	29154	17.69	ug/l	99
40) Benzene	8.000	78	77834	17.30	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	11025	17.20	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	31513	21.31	ug/l	97
43) Isopropyl Acetate	8.123	43	41019	19.44	ug/l	99
44) Trichloroethene	8.798	130	21684	19.49	ug/l	98
45) 1,2-Dichloropropane	9.081	63	20159	17.50	ug/l	99
46) Dibromomethane	9.171	93	13216	18.83	ug/l	95
47) Bromodichloromethane	9.367	83	29853	20.89	ug/l	99
48) Methyl methacrylate	9.164	41	19424	18.16	ug/l	92
49) 1,4-Dioxane	9.164	88	7302	400.76	ug/l	97
51) 4-Methyl-2-Pentanone	9.946	43	110726	86.22	ug/l	97
52) Toluene	10.119	92	50975	18.45	ug/l	95
53) t-1,3-Dichloropropene	10.348	75	35832	21.45	ug/l	96
54) cis-1,3-Dichloropropene	9.804	75	37534	21.18	ug/l	95
55) 1,1,2-Trichloroethane	10.528	97	20020	19.36	ug/l	98
56) Ethyl methacrylate	10.396	69	27962	17.98	ug/l	96
57) 1,3-Dichloropropane	10.675	76	34150	18.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	67870	91.43	ug/l	97
59) 2-Hexanone	10.717	43	77310	84.51	ug/l	100
60) Dibromochloromethane	10.872	129	22473	21.26	ug/l	99
61) 1,2-Dibromoethane	10.975	107	20257	19.28	ug/l	99
64) Tetrachloroethene	10.598	164	21367	20.44	ug/l	93
65) Chlorobenzene	11.402	112	54880	19.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	20821	21.41	ug/l	98
67) Ethyl Benzene	11.479	91	97132	18.95	ug/l	99
68) m/p-Xylenes	11.592	106	73393	38.37	ug/l	94
69) o-Xylene	11.917	106	36480	19.78	ug/l	99
70) Styrene	11.936	104	58902	19.40	ug/l	96
71) Bromoform	12.097	173	14708	21.34	ug/l #	97
73) Isopropylbenzene	12.219	105	95630	18.96	ug/l	99
74) N-amyl acetate	12.042	43	22609	12.92	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.473	83	26824	18.02	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	27024m	18.20	ug/l	
77) Bromobenzene	12.495	156	22385	19.39	ug/l	91
78) n-propylbenzene	12.560	91	102218	17.82	ug/l	100
79) 2-Chlorotoluene	12.643	91	64376	17.90	ug/l	99
80) 1,3,5-Trimethylbenzene	12.704	105	82449	19.24	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	8038	17.25	ug/l #	90
82) 4-Chlorotoluene	12.743	91	67029	18.46	ug/l	97
83) tert-Butylbenzene	12.965	119	66831	18.87	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	82018	19.07	ug/l	97
85) sec-Butylbenzene	13.142	105	82260	17.89	ug/l	99
86) p-Isopropyltoluene	13.257	119	80046	19.18	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	39628	19.40	ug/l	98
88) 1,4-Dichlorobenzene	13.335	146	39681	19.02	ug/l	95
89) n-Butylbenzene	13.585	91	64256	18.26	ug/l	99
90) Hexachloroethane	13.843	117	11331	16.04	ug/l	98
91) 1,2-Dichlorobenzene	13.624	146	39565	19.31	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	7304	25.33	ug/l	70
93) 1,2,4-Trichlorobenzene	14.878	180	21741	21.16	ug/l	98
94) Hexachlorobutadiene	14.978	225	10004	21.04	ug/l	100
95) Naphthalene	15.100	128	67705	20.79	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	22119	21.34	ug/l	97

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

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