

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
 Data File : VN067712.D
 Acq On : 13 Jul 2021 12:47
 Operator : JC/MD
 Sample : VN0713WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 1:17:29 PM

Quant Time: Jul 13 22:16:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	373441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	685564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	657353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	293627	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	287804	50.99	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.98%
35) Dibromofluoromethane	8.024	113	208803	50.41	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.82%
50) Toluene-d8	10.443	98	850467	49.05	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.10%
62) 4-Bromofluorobenzene	12.733	95	296514	48.41	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.82%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	59829	18.85	ug/l	99
3) Chloromethane	2.301	50	82990	16.51	ug/l	100
4) Vinyl Chloride	2.443	62	128117	16.89	ug/l	98
5) Bromomethane	2.850	94	109139	18.01	ug/l	98
6) Chloroethane	3.017	64	99869	17.25	ug/l	99
7) Trichlorofluoromethane	3.371	101	248878	19.54	ug/l	99
8) Diethyl Ether	3.821	74	45802	15.16	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.202	101	68385	19.76	ug/l	97
10) Methyl Iodide	4.417	142	78923	19.14	ug/l	93
11) Tert butyl alcohol	5.379	59	73930	91.16	ug/l	100
12) 1,1-Dichloroethene	4.175	96	64478	19.42	ug/l	87
13) Acrolein	4.038	56	49203	122.33	ug/l	98
14) Allyl chloride	4.838	41	110699	18.14	ug/l	93
15) Acrylonitrile	5.556	53	196200	97.54	ug/l	97
16) Acetone	4.291	43	163138	91.86	ug/l	95
17) Carbon Disulfide	4.524	76	164377	17.87	ug/l	97
18) Methyl Acetate	4.859	43	94697	18.98	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	265838	19.32	ug/l	99
20) Methylene Chloride	5.095	84	88367	20.91	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	73449	18.71	ug/l	89
22) Diisopropyl ether	6.501	45	263153	19.00	ug/l	98
23) Vinyl Acetate	6.433	43	1119808	94.56	ug/l	96
24) 1,1-Dichloroethane	6.391	63	146936	19.03	ug/l	99
25) 2-Butanone	7.340	43	273832	92.86	ug/l	96
26) 2,2-Dichloropropane	7.327	77	122739	18.19	ug/l	81
27) cis-1,2-Dichloroethene	7.327	96	91138	18.55	ug/l	88
28) Bromochloromethane	7.656	49	72967	19.37	ug/l	87
29) Tetrahydrofuran	7.689	42	180838	93.25	ug/l	93
30) Chloroform	7.820	83	161181	18.58	ug/l	99
31) Cyclohexane	8.094	56	137150	17.33	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	139537	18.55	ug/l	99
36) 1,1-Dichloropropene	8.220	75	115137	18.08	ug/l	97
37) Ethyl Acetate	7.415	43	115367	18.70	ug/l #	87
38) Carbon Tetrachloride	8.204	117	114593	18.24	ug/l	99
39) Methylcyclohexane	9.459	83	130136	18.67	ug/l	92
40) Benzene	8.461	78	350363	18.38	ug/l	100
41) Methacrylonitrile	7.638	41	56603	17.85	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.531	62	134246	18.96	ug/l	95
43) Isopropyl Acetate	8.563	43	203582	18.76	ug/l	97
44) Trichloroethene	9.217	130	89423	18.48	ug/l	93
45) 1,2-Dichloropropane	9.491	63	88762	18.39	ug/l	99
46) Dibromomethane	9.577	93	65465	19.12	ug/l	96
47) Bromodichloromethane	9.764	83	127724	19.08	ug/l	99
48) Methyl methacrylate	9.563	41	87928	18.32	ug/l	88
49) 1,4-Dioxane	9.569	88	31261	348.93	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	627940	94.17	ug/l	97
52) Toluene	10.507	92	239268	19.16	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	132159	17.73	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	141733	19.04	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	92027	19.23	ug/l	97
56) Ethyl methacrylate	10.762	69	141929	19.25	ug/l	94
57) 1,3-Dichloropropane	11.046	76	154655	18.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	126364	76.92	ug/l	94
59) 2-Hexanone	11.087	43	432682	92.96	ug/l	94
60) Dibromochloromethane	11.240	129	91005	17.12	ug/l	98
61) 1,2-Dibromoethane	11.350	107	95720	19.59	ug/l	97
64) Tetrachloroethene	10.979	164	86916	18.73	ug/l	98
65) Chlorobenzene	11.773	112	251748	18.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	91235	19.21	ug/l	99
67) Ethyl Benzene	11.846	91	458448	18.65	ug/l	98
68) m/p-Xylenes	11.956	106	352183	37.89	ug/l	88
69) o-Xylene	12.283	106	170535	18.66	ug/l	90
70) Styrene	12.296	104	279762	19.14	ug/l	93
71) Bromoform	12.460	173	57647	15.99	ug/l #	99
73) Isopropylbenzene	12.581	105	438415	18.51	ug/l	97
74) N-amy1 acetate	12.390	43	158629	18.46	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	129319	18.81	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	105129m	17.53	ug/l	
77) Bromobenzene	12.865	156	98766	18.84	ug/l	77
78) n-propylbenzene	12.924	91	509516	19.02	ug/l	97
79) 2-Chlorotoluene	13.010	91	308903	19.08	ug/l	91
80) 1,3,5-Trimethylbenzene	13.063	105	369558	19.25	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	32855	17.67	ug/l	96
82) 4-Chlorotoluene	13.106	91	309272	19.31	ug/l	93
83) tert-Butylbenzene	13.326	119	309854	18.93	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	364378	19.37	ug/l	95
85) sec-Butylbenzene	13.506	105	430234	18.99	ug/l	98
86) p-Isopropyltoluene	13.618	119	345561	18.90	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	184189	18.93	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	184946	18.57	ug/l	97
89) n-Butylbenzene	13.946	91	296116	18.88	ug/l	98
90) Hexachloroethane	14.214	117	55790	18.37	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	179832	19.15	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	22975	19.24	ug/l	82
93) 1,2,4-Trichlorobenzene	15.265	180	76022	17.39	ug/l	98
94) Hexachlorobutadiene	15.370	225	37841	19.18	ug/l	98
95) Naphthalene	15.509	128	209577	16.71	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	70445	16.87	ug/l	99

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