

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069203.D
 Acq On : 26 Oct 2021 23:28
 Operator : JC/MD
 Sample : VN1027WBS04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS04

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 5:05:52 PM

Quant Time: Oct 27 09:24:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	222522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	403134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	367594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	149452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	147648	50.325	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.660%			
35) Dibromofluoromethane	8.024	113	110293	47.024	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.040%			
50) Toluene-d8	10.443	98	433031	46.143	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.280%			
62) 4-Bromofluorobenzene	12.734	95	156462	44.190	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	47700	18.030	ug/l	99
3) Chloromethane	2.301	50	51778	19.037	ug/l	98
4) Vinyl Chloride	2.440	62	63570	23.011	ug/l	98
5) Bromomethane	2.845	94	42442	27.931	ug/l	99
6) Chloroethane	3.014	64	40229	24.710	ug/l	96
7) Trichlorofluoromethane	3.368	101	82424	21.307	ug/l	97
8) Diethyl Ether	3.827	74	31649	21.934	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.216	101	44239	21.268	ug/l	99
10) Methyl Iodide	4.425	142	55586	18.412	ug/l #	96
11) Tert butyl alcohol	5.369	59	72766	135.733	ug/l #	89
12) 1,1-Dichloroethene	4.183	96	43376	20.174	ug/l	96
13) Acrolein	4.044	56	16664	70.266	ug/l	100
14) Allyl chloride	4.843	41	75425	19.568	ug/l	97
15) Acrylonitrile	5.557	53	161682	134.596	ug/l	99
16) Acetone	4.291	43	141493	129.233	ug/l	100
17) Carbon Disulfide	4.535	76	93441	16.013	ug/l	99
18) Methyl Acetate	4.857	43	113813	27.406	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	176369	22.029	ug/l	99
20) Methylene Chloride	5.095	84	54754	21.728	ug/l	100
21) trans-1,2-Dichloroethene	5.602	96	44794	19.284	ug/l	99
22) Diisopropyl ether	6.495	45	163798	20.435	ug/l	98
23) Vinyl Acetate	6.436	43	645700	106.557	ug/l	98
24) 1,1-Dichloroethane	6.391	63	92929	21.338	ug/l	98
25) 2-Butanone	7.337	43	223046	134.720	ug/l	97
26) 2,2-Dichloropropane	7.327	77	70354	16.951	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	58421	20.805	ug/l	97
28) Bromochloromethane	7.662	49	34323	17.401	ug/l	97
29) Tetrahydrofuran	7.686	42	148150	137.954	ug/l	97
30) Chloroform	7.823	83	99238	21.622	ug/l	99
31) Cyclohexane	8.096	56	83557	18.317	ug/l	95
32) 1,1,1-Trichloroethane	8.019	97	88889	20.775	ug/l	99
36) 1,1-Dichloropropene	8.222	75	68004	19.749	ug/l	99
37) Ethyl Acetate	7.415	43	89077	25.047	ug/l	99
38) Carbon Tetrachloride	8.209	117	72710	19.226	ug/l	98
39) Methylcyclohexane	9.462	83	80835	18.239	ug/l	97
40) Benzene	8.461	78	217091	20.704	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	42839	23.896	ug/l	96
42) 1,2-Dichloroethane	8.531	62	81294	21.894	ug/l	99
43) Isopropyl Acetate	8.563	43	140204	22.344	ug/l	99
44) Trichloroethene	9.217	130	52291	19.926	ug/l	99
45) 1,2-Dichloropropane	9.491	63	55682	20.465	ug/l	100
46) Dibromomethane	9.580	93	39427	21.229	ug/l	98
47) Bromodichloromethane	9.765	83	75848	19.707	ug/l	100
48) Methyl methacrylate	9.561	41	60578	20.547	ug/l	87
49) 1,4-Dioxane	9.569	88	30432	546.357	ug/l	94
51) 4-Methyl-2-Pentanone	10.330	43	459239	126.221	ug/l	99
52) Toluene	10.508	92	139172	20.630	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	79397	18.212	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	84356	18.597	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	58988	22.178	ug/l	93
56) Ethyl methacrylate	10.762	69	95078	21.291	ug/l	98
57) 1,3-Dichloropropane	11.047	76	95820	21.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	119866	103.159	ug/l	99
59) 2-Hexanone	11.087	43	345701	132.493	ug/l	100
60) Dibromochloromethane	11.240	129	55034	18.332	ug/l	99
61) 1,2-Dibromoethane	11.350	107	59420	21.781	ug/l	99
64) Tetrachloroethene	10.980	164	45133	19.060	ug/l	98
65) Chlorobenzene	11.773	112	148116	21.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	54376	19.972	ug/l	98
67) Ethyl Benzene	11.846	91	270847	20.962	ug/l	99
68) m/p-Xylenes	11.956	106	200979	41.032	ug/l	99
69) o-Xylene	12.283	106	100971	20.594	ug/l	98
70) Styrene	12.296	104	163228	20.452	ug/l	99
71) Bromoform	12.460	173	39802	18.250	ug/l #	99
73) Isopropylbenzene	12.581	105	265138	21.314	ug/l	99
74) N-amyl acetate	12.390	43	106320	22.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	91533	25.462	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	77353m	24.326	ug/l	
77) Bromobenzene	12.865	156	59740	21.718	ug/l	98
78) n-propylbenzene	12.924	91	287711	20.581	ug/l	99
79) 2-Chlorotoluene	13.010	91	184175	21.375	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	215243	20.773	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	23828	17.927	ug/l	91
82) 4-Chlorotoluene	13.109	91	174245	20.927	ug/l	99
83) tert-Butylbenzene	13.326	119	190457	21.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	211106	21.146	ug/l	100
85) sec-Butylbenzene	13.503	105	259197	20.750	ug/l	99
86) p-Isopropyltoluene	13.619	119	203479	20.308	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	102212	21.482	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	99958	21.167	ug/l	98
89) n-Butylbenzene	13.946	91	154744	18.552	ug/l	100
90) Hexachloroethane	14.214	117	37321	17.732	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	101248	21.906	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	17920	25.854	ug/l	98
93) 1,2,4-Trichlorobenzene	15.268	180	43712	19.110	ug/l	99
94) Hexachlorobutadiene	15.373	225	24389	18.531	ug/l	99
95) Naphthalene	15.509	128	145182	23.148	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	45665	20.673	ug/l	99

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

