

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069214.D
 Acq On : 27 Oct 2021 13:26
 Operator : JC/MD
 Sample : VN1027WBSD05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD05

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 6:31:11 PM

Quant Time: Oct 28 05:20:42 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	238646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	411375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	375817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	151293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	173909	55.271	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.540%			
35) Dibromofluoromethane	8.024	113	129799	54.232	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.460%			
50) Toluene-d8	10.443	98	511704	53.434	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.860%			
62) 4-Bromofluorobenzene	12.733	95	182769	50.585	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	49578	17.512	ug/l	99
3) Chloromethane	2.303	50	52303	17.931	ug/l	98
4) Vinyl Chloride	2.445	62	60625	20.463	ug/l	97
5) Bromomethane	2.856	94	42914	26.333	ug/l	98
6) Chloroethane	3.019	64	40949	23.453	ug/l	99
7) Trichlorofluoromethane	3.376	101	85194	20.535	ug/l	99
8) Diethyl Ether	3.832	74	31916	20.625	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.215	101	47327	21.216	ug/l	99
10) Methyl Iodide	4.427	142	55715	17.208	ug/l #	92
11) Tert butyl alcohol	5.363	59	61515	106.993	ug/l	99
12) 1,1-Dichloroethene	4.189	96	43001	18.648	ug/l	99
13) Acrolein	4.044	56	13058	51.341	ug/l	100
14) Allyl chloride	4.846	41	75580	18.284	ug/l	95
15) Acrylonitrile	5.556	53	148599	115.346	ug/l	98
16) Acetone	4.288	43	140114	119.327	ug/l	100
17) Carbon Disulfide	4.535	76	94616	15.119	ug/l	100
18) Methyl Acetate	4.856	43	105624	23.716	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	178857	20.831	ug/l	100
20) Methylene Chloride	5.101	84	55693	20.607	ug/l	94
21) trans-1,2-Dichloroethene	5.602	96	45881	18.417	ug/l	98
22) Diisopropyl ether	6.498	45	167852	19.526	ug/l	99
23) Vinyl Acetate	6.433	43	655562	100.875	ug/l	99
24) 1,1-Dichloroethane	6.391	63	95287	20.401	ug/l	99
25) 2-Butanone	7.335	43	206616	116.365	ug/l	99
26) 2,2-Dichloropropane	7.327	77	84309	18.941	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	59336	19.703	ug/l	100
28) Bromochloromethane	7.659	49	46427	21.947	ug/l	96
29) Tetrahydrofuran	7.686	42	130988	113.732	ug/l	96
30) Chloroform	7.823	83	102731	20.871	ug/l	100
31) Cyclohexane	8.096	56	86681	17.718	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	88991	19.394	ug/l	97
36) 1,1-Dichloropropene	8.222	75	70771	20.141	ug/l	99
37) Ethyl Acetate	7.412	43	81486	22.454	ug/l	99
38) Carbon Tetrachloride	8.209	117	74232	19.236	ug/l	98
39) Methylcyclohexane	9.461	83	89572	19.805	ug/l	97
40) Benzene	8.461	78	220540	20.612	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	41871	22.889	ug/l	98
42) 1,2-Dichloroethane	8.531	62	84778	22.375	ug/l	100
43) Isopropyl Acetate	8.560	43	138276	21.595	ug/l	99
44) Trichloroethene	9.217	130	55194	20.611	ug/l	100
45) 1,2-Dichloropropane	9.494	63	58098	20.925	ug/l	98
46) Dibromomethane	9.579	93	40486	21.362	ug/l	100
47) Bromodichloromethane	9.762	83	78175	19.905	ug/l	98
48) Methyl methacrylate	9.561	41	63521	21.113	ug/l	95
49) 1,4-Dioxane	9.569	88	26023	463.614	ug/l	98
51) 4-Methyl-2-Pentanone	10.330	43	425329	114.559	ug/l	100
52) Toluene	10.507	92	144704	21.021	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	84541	19.003	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	90933	19.646	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	59341	21.864	ug/l	99
56) Ethyl methacrylate	10.762	69	96500	21.177	ug/l	97
57) 1,3-Dichloropropane	11.046	76	99858	22.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	106914	92.531	ug/l	98
59) 2-Hexanone	11.087	43	306641	115.169	ug/l	100
60) Dibromochloromethane	11.240	129	58463	19.084	ug/l	99
61) 1,2-Dibromoethane	11.347	107	59827	21.491	ug/l	98
64) Tetrachloroethene	10.979	164	48300	19.951	ug/l	99
65) Chlorobenzene	11.771	112	152057	21.382	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	56712	20.375	ug/l	100
67) Ethyl Benzene	11.846	91	280829	21.259	ug/l	99
68) m/p-Xylenes	11.956	106	208963	41.728	ug/l	99
69) o-Xylene	12.283	106	105027	20.953	ug/l	99
70) Styrene	12.296	104	165005	20.223	ug/l	99
71) Bromoform	12.460	173	39948	17.916	ug/l #	99
73) Isopropylbenzene	12.581	105	275105	21.846	ug/l	100
74) N-amyl acetate	12.390	43	99373	20.829	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	90294	24.811	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	74813m	23.240	ug/l	
77) Bromobenzene	12.862	156	62291	22.370	ug/l	99
78) n-propylbenzene	12.924	91	304900	21.545	ug/l	100
79) 2-Chlorotoluene	13.010	91	192433	22.061	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	226729	21.616	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	23634	17.565	ug/l	90
82) 4-Chlorotoluene	13.106	91	183664	21.790	ug/l	100
83) tert-Butylbenzene	13.326	119	198146	21.701	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	220492	21.817	ug/l	99
85) sec-Butylbenzene	13.503	105	273729	21.646	ug/l	100
86) p-Isopropyltoluene	13.616	119	217238	21.418	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	105316	21.865	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	102361	21.412	ug/l	99
89) n-Butylbenzene	13.943	91	170198	20.156	ug/l	100
90) Hexachloroethane	14.214	117	37906	17.791	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	105058	22.453	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	16211	23.104	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	46035	19.776	ug/l	98
94) Hexachlorobutadiene	15.372	225	26148	19.626	ug/l	99
95) Naphthalene	15.509	128	125459	20.318	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	45539	20.402	ug/l	97

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

