

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069237.D
 Acq On : 27 Oct 2021 23:55
 Operator : JC/MD
 Sample : VN1027WBS06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS06

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 1:25:47 PM

Quant Time: Oct 28 01:25:18 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	216248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	397116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	360393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	141232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	171774	60.247	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 120.500%	
35) Dibromofluoromethane	8.024	113	129713	56.142	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 112.280%	
50) Toluene-d8	10.443	98	503811	54.498	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 109.000%	
62) 4-Bromofluorobenzene	12.734	95	174513	50.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	43603	17.033	ug/l	99
3) Chloromethane	2.303	50	48038	18.175	ug/l	99
4) Vinyl Chloride	2.443	62	57461	21.403	ug/l	97
5) Bromomethane	2.848	94	39731	26.905	ug/l	100
6) Chloroethane	3.014	64	38862	24.563	ug/l	98
7) Trichlorofluoromethane	3.371	101	78057	20.764	ug/l	98
8) Diethyl Ether	3.829	74	28792	20.533	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	41302	20.433	ug/l	98
10) Methyl Iodide	4.427	142	49081	16.729	ug/l	97
11) Tert butyl alcohol	5.366	59	63283	121.469	ug/l #	86
12) 1,1-Dichloroethene	4.186	96	39662	18.981	ug/l	98
13) Acrolein	4.049	56	15589	67.641	ug/l	97
14) Allyl chloride	4.846	41	69136	18.457	ug/l	98
15) Acrylonitrile	5.557	53	148621	127.312	ug/l	99
16) Acetone	4.288	43	128994	121.235	ug/l	100
17) Carbon Disulfide	4.537	76	79736	14.061	ug/l	99
18) Methyl Acetate	4.857	43	104189	25.817	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	164741	21.174	ug/l	99
20) Methylene Chloride	5.098	84	50832	20.757	ug/l	92
21) trans-1,2-Dichloroethene	5.602	96	42000	18.605	ug/l	95
22) Diisopropyl ether	6.498	45	155702	19.988	ug/l	97
23) Vinyl Acetate	6.436	43	596569	101.305	ug/l	99
24) 1,1-Dichloroethane	6.388	63	87805	20.747	ug/l	99
25) 2-Butanone	7.337	43	205911	127.979	ug/l	98
26) 2,2-Dichloropropane	7.329	77	60746	15.061	ug/l	98
27) cis-1,2-Dichloroethene	7.332	96	54085	19.820	ug/l	97
28) Bromochloromethane	7.662	49	32828	17.126	ug/l	97
29) Tetrahydrofuran	7.686	42	134215	128.604	ug/l	97
30) Chloroform	7.823	83	93928	21.059	ug/l	96
31) Cyclohexane	8.099	56	76671	17.295	ug/l	95
32) 1,1,1-Trichloroethane	8.019	97	83215	20.013	ug/l	99
36) 1,1-Dichloropropene	8.225	75	62612	18.459	ug/l	99
37) Ethyl Acetate	7.412	43	80289	22.919	ug/l	99
38) Carbon Tetrachloride	8.212	117	67145	18.024	ug/l	98
39) Methylcyclohexane	9.462	83	72902	16.698	ug/l	98
40) Benzene	8.461	78	203927	19.743	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	39812	22.545	ug/l	94
42) 1,2-Dichloroethane	8.531	62	78424	21.441	ug/l	100
43) Isopropyl Acetate	8.563	43	131339	21.248	ug/l	99
44) Trichloroethene	9.217	130	49296	19.070	ug/l	100
45) 1,2-Dichloropropane	9.494	63	52965	19.762	ug/l	95
46) Dibromomethane	9.580	93	37146	20.304	ug/l	99
47) Bromodichloromethane	9.765	83	70393	18.567	ug/l	99
48) Methyl methacrylate	9.561	41	61342	21.121	ug/l	97
49) 1,4-Dioxane	9.571	88	26102	480.328	ug/l	93
51) 4-Methyl-2-Pentanone	10.333	43	422800	117.967	ug/l	99
52) Toluene	10.507	92	130133	19.583	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	71458	16.639	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	77563	17.359	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	54292	20.722	ug/l	97
56) Ethyl methacrylate	10.762	69	86746	19.720	ug/l	99
57) 1,3-Dichloropropane	11.047	76	91726	21.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	114233	100.412	ug/l	98
59) 2-Hexanone	11.087	43	310050	120.631	ug/l	99
60) Dibromochloromethane	11.240	129	51895	17.548	ug/l	99
61) 1,2-Dibromoethane	11.347	107	55487	20.647	ug/l	100
64) Tetrachloroethene	10.980	164	44484	19.161	ug/l	99
65) Chlorobenzene	11.773	112	137171	20.114	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	51404	19.258	ug/l	99
67) Ethyl Benzene	11.846	91	248342	19.604	ug/l	99
68) m/p-Xylenes	11.956	106	184143	38.346	ug/l	98
69) o-Xylene	12.283	106	94780	19.718	ug/l	100
70) Styrene	12.296	104	151165	19.319	ug/l	100
71) Bromoform	12.460	173	35400	16.556	ug/l #	99
73) Isopropylbenzene	12.581	105	244531	20.801	ug/l	99
74) N-amyl acetate	12.390	43	92581	20.788	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	84407	24.846	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	81058m	26.974	ug/l	
77) Bromobenzene	12.862	156	56574	21.764	ug/l	99
78) n-propylbenzene	12.921	91	263277	19.929	ug/l	99
79) 2-Chlorotoluene	13.010	91	170572	20.948	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	198354	20.258	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	19428	15.468	ug/l	86
82) 4-Chlorotoluene	13.109	91	157476	20.014	ug/l	100
83) tert-Butylbenzene	13.326	119	180334	21.157	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	192467	20.401	ug/l	100
85) sec-Butylbenzene	13.503	105	236953	20.073	ug/l	99
86) p-Isopropyltoluene	13.619	119	182928	19.320	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	90953	20.228	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	88866	19.913	ug/l	98
89) n-Butylbenzene	13.946	91	135146	17.145	ug/l	99
90) Hexachloroethane	14.211	117	32854	16.518	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	91485	20.945	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	15355	23.443	ug/l	94
93) 1,2,4-Trichlorobenzene	15.268	180	37159	17.452	ug/l	98
94) Hexachlorobutadiene	15.373	225	22075	17.749	ug/l	97
95) Naphthalene	15.509	128	110628	19.404	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	38258	18.613	ug/l	98

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

