

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069157.D
 Acq On : 25 Oct 2021 17:43
 Operator : JC/MD
 Sample : VN1025WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2021 6:15:38 PM

Quant Time: Oct 26 01:35:03 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	295011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	518889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	485993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	203138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	192616	49.521	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.040%		
35) Dibromofluoromethane	8.024	113	146240	48.441	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.880%		
50) Toluene-d8	10.443	98	572114	47.363	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.720%		
62) 4-Bromofluorobenzene	12.733	95	215405	47.265	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	61914	17.678	ug/l	98
3) Chloromethane	2.303	50	66570	18.462	ug/l	99
4) Vinyl Chloride	2.445	62	76736	20.952	ug/l	99
5) Bromomethane	2.850	94	55181	27.391	ug/l	99
6) Chloroethane	3.017	64	50740	23.508	ug/l	98
7) Trichlorofluoromethane	3.376	101	104163	20.311	ug/l	98
8) Diethyl Ether	3.827	74	40230	21.030	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.221	101	57506	20.853	ug/l	98
10) Methyl Iodide	4.430	142	70819	17.694	ug/l	98
11) Tert butyl alcohol	5.363	59	66116	93.025	ug/l	100
12) 1,1-Dichloroethene	4.186	96	53053	18.611	ug/l	99
13) Acrolein	4.044	56	21463	68.264	ug/l	97
14) Allyl chloride	4.843	41	95352	18.660	ug/l	95
15) Acrylonitrile	5.556	53	164779	103.468	ug/l	99
16) Acetone	4.288	43	145589	100.300	ug/l	99
17) Carbon Disulfide	4.535	76	130329	16.847	ug/l	98
18) Methyl Acetate	4.856	43	117652	21.369	ug/l	97
19) Methyl tert-butyl Ether	5.615	73	228379	21.516	ug/l	98
20) Methylene Chloride	5.098	84	73713	22.064	ug/l	99
21) trans-1,2-Dichloroethene	5.605	96	58494	18.994	ug/l	99
22) Diisopropyl ether	6.498	45	216008	20.327	ug/l	99
23) Vinyl Acetate	6.436	43	809326	100.741	ug/l	98
24) 1,1-Dichloroethane	6.391	63	118301	20.489	ug/l	99
25) 2-Butanone	7.335	43	225258	102.625	ug/l	96
26) 2,2-Dichloropropane	7.327	77	102763	18.676	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	75538	20.291	ug/l	99
28) Bromochloromethane	7.659	49	44698	17.093	ug/l	97
29) Tetrahydrofuran	7.686	42	147453	103.567	ug/l	96
30) Chloroform	7.820	83	129875	21.344	ug/l	98
31) Cyclohexane	8.099	56	108933	18.012	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	111465	19.650	ug/l	99
36) 1,1-Dichloropropene	8.225	75	88625	19.996	ug/l	99
37) Ethyl Acetate	7.415	43	92190	20.140	ug/l	99
38) Carbon Tetrachloride	8.209	117	95031	19.523	ug/l	97
39) Methylcyclohexane	9.461	83	110774	19.418	ug/l	96
40) Benzene	8.464	78	278271	20.619	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	44233	19.170	ug/l	90
42) 1,2-Dichloroethane	8.533	62	105407	22.056	ug/l	100
43) Isopropyl Acetate	8.563	43	163683	20.267	ug/l	98
44) Trichloroethene	9.217	130	69246	20.501	ug/l	98
45) 1,2-Dichloropropane	9.491	63	72121	20.594	ug/l	99
46) Dibromomethane	9.579	93	51206	21.420	ug/l	99
47) Bromodichloromethane	9.764	83	102919	20.776	ug/l	99
48) Methyl methacrylate	9.561	41	70778	18.651	ug/l	90
49) 1,4-Dioxane	9.571	88	28813	411.314	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	492128	105.086	ug/l	100
52) Toluene	10.507	92	183585	21.143	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	111930	19.947	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	118623	20.318	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	74971	21.899	ug/l	98
56) Ethyl methacrylate	10.762	69	119716	20.828	ug/l	98
57) 1,3-Dichloropropane	11.046	76	124556	22.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	151809	101.805	ug/l	99
59) 2-Hexanone	11.087	43	355398	105.824	ug/l	100
60) Dibromochloromethane	11.240	129	76490	19.795	ug/l	99
61) 1,2-Dibromoethane	11.347	107	76586	21.810	ug/l	100
64) Tetrachloroethene	10.979	164	60593	19.354	ug/l	97
65) Chlorobenzene	11.773	112	195231	21.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	73864	20.521	ug/l	100
67) Ethyl Benzene	11.846	91	357346	20.919	ug/l	100
68) m/p-Xylenes	11.956	106	266258	41.116	ug/l	100
69) o-Xylene	12.283	106	132929	20.507	ug/l	99
70) Styrene	12.296	104	219845	20.835	ug/l	99
71) Bromoform	12.460	173	52463	18.195	ug/l #	98
73) Isopropylbenzene	12.581	105	350063	20.704	ug/l	100
74) N-amyl acetate	12.390	43	130281	20.338	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	110829	22.682	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	91682m	21.212	ug/l	
77) Bromobenzene	12.862	156	80119	21.429	ug/l	98
78) n-propylbenzene	12.924	91	393497	20.709	ug/l	100
79) 2-Chlorotoluene	13.010	91	245469	20.959	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	292219	20.749	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	31563	17.471	ug/l	93
82) 4-Chlorotoluene	13.109	91	239621	21.173	ug/l	100
83) tert-Butylbenzene	13.326	119	258257	21.065	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	287729	21.204	ug/l	100
85) sec-Butylbenzene	13.506	105	355086	20.913	ug/l	99
86) p-Isopropyltoluene	13.618	119	282054	20.711	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	138459	21.409	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	136772	21.308	ug/l	98
89) n-Butylbenzene	13.946	91	230788	20.356	ug/l	99
90) Hexachloroethane	14.214	117	53557	18.721	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	136847	21.783	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	19278	20.463	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	63887	20.353	ug/l	98
94) Hexachlorobutadiene	15.370	225	35709	19.962	ug/l	99
95) Naphthalene	15.509	128	174073	20.869	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	61290	20.445	ug/l	98

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

