

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069202.D
 Acq On : 26 Oct 2021 23:03
 Operator : JC/MD
 Sample : VN1027WBS03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS03

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 5:05:51 PM

Quant Time: Oct 27 09:24:01 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	278987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	485689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	433158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	169294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	188982	51.377	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.760%			
35) Dibromofluoromethane	8.024	113	144185	51.025	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.040%			
50) Toluene-d8	10.443	98	566122	50.071	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.140%			
62) 4-Bromofluorobenzene	12.734	95	192843	45.207	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	47959	14.705	ug/l	97
3) Chloromethane	2.301	50	52405	15.368	ug/l	99
4) Vinyl Chloride	2.440	62	62454	18.032	ug/l	100
5) Bromomethane	2.845	94	42404	22.258	ug/l	100
6) Chloroethane	3.011	64	40893	20.034	ug/l	97
7) Trichlorofluoromethane	3.371	101	84553	17.434	ug/l	97
8) Diethyl Ether	3.827	74	30975	17.122	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	44707	17.143	ug/l	99
10) Methyl Iodide	4.422	142	53826	14.221	ug/l	97
11) Tert butyl alcohol	5.372	59	71182	105.905	ug/l	100
12) 1,1-Dichloroethene	4.186	96	42764	15.864	ug/l	95
13) Acrolein	4.044	56	15991	53.782	ug/l	100
14) Allyl chloride	4.846	41	75943	15.715	ug/l	98
15) Acrylonitrile	5.557	53	162429	107.851	ug/l	98
16) Acetone	4.288	43	142649	103.919	ug/l	100
17) Carbon Disulfide	4.535	76	93458	12.774	ug/l	99
18) Methyl Acetate	4.859	43	115359	22.156	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	178525	17.785	ug/l	100
20) Methylene Chloride	5.101	84	55053	17.425	ug/l	98
21) trans-1,2-Dichloroethene	5.597	96	46072	15.820	ug/l	99
22) Diisopropyl ether	6.498	45	166372	16.555	ug/l	100
23) Vinyl Acetate	6.436	43	649475	85.487	ug/l	97
24) 1,1-Dichloroethane	6.388	63	94293	17.269	ug/l	100
25) 2-Butanone	7.335	43	224832	108.314	ug/l	97
26) 2,2-Dichloropropane	7.329	77	72086	13.853	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	57514	16.337	ug/l	99
28) Bromochloromethane	7.659	49	44853	18.137	ug/l	93
29) Tetrahydrofuran	7.689	42	148182	110.057	ug/l	97
30) Chloroform	7.820	83	101461	17.632	ug/l	98
31) Cyclohexane	8.096	56	86019	15.040	ug/l #	89
32) 1,1,1-Trichloroethane	8.016	97	89916	16.762	ug/l	99
36) 1,1-Dichloropropene	8.223	75	69600	16.777	ug/l	100
37) Ethyl Acetate	7.413	43	86450	20.177	ug/l	98
38) Carbon Tetrachloride	8.206	117	74844	16.427	ug/l	98
39) Methylcyclohexane	9.462	83	83061	15.556	ug/l	97
40) Benzene	8.461	78	218003	17.257	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	41562	19.243	ug/l	95
42) 1,2-Dichloroethane	8.531	62	83482	18.662	ug/l	99
43) Isopropyl Acetate	8.563	43	141967	18.779	ug/l	99
44) Trichloroethene	9.218	130	54243	17.157	ug/l	97
45) 1,2-Dichloropropane	9.491	63	56883	17.353	ug/l	98
46) Dibromomethane	9.577	93	40368	18.041	ug/l	100
47) Bromodichloromethane	9.765	83	78597	16.951	ug/l	99
48) Methyl methacrylate	9.561	41	60735	17.099	ug/l	86
49) 1,4-Dioxane	9.569	88	29583	447.721	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	462332	105.472	ug/l	100
52) Toluene	10.508	92	142854	17.577	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	81626	15.541	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	86611	15.849	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	59525	18.576	ug/l	99
56) Ethyl methacrylate	10.762	69	97004	18.030	ug/l	98
57) 1,3-Dichloropropane	11.047	76	97348	18.424	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	122662	90.447	ug/l	99
59) 2-Hexanone	11.087	43	345537	109.921	ug/l	100
60) Dibromochloromethane	11.240	129	57023	15.766	ug/l	100
61) 1,2-Dibromoethane	11.347	107	60970	18.550	ug/l	99
64) Tetrachloroethene	10.980	164	47331	16.962	ug/l	98
65) Chlorobenzene	11.773	112	151137	18.439	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	56241	17.531	ug/l	99
67) Ethyl Benzene	11.846	91	275194	18.074	ug/l	98
68) m/p-Xylenes	11.956	106	206561	35.788	ug/l	99
69) o-Xylene	12.283	106	105478	18.257	ug/l	99
70) Styrene	12.296	104	166080	17.660	ug/l	99
71) Bromoform	12.460	173	40636	15.812	ug/l #	100
73) Isopropylbenzene	12.581	105	271890	19.295	ug/l	100
74) N-amyl acetate	12.390	43	107972	20.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	92201	22.642	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	77376m	21.481	ug/l	
77) Bromobenzene	12.862	156	61553	19.754	ug/l	99
78) n-propylbenzene	12.924	91	294643	18.606	ug/l	99
79) 2-Chlorotoluene	13.010	91	186394	19.097	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	220582	18.794	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	24163	16.049	ug/l	91
82) 4-Chlorotoluene	13.106	91	176580	18.722	ug/l	100
83) tert-Butylbenzene	13.326	119	194606	19.047	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	209837	18.555	ug/l	99
85) sec-Butylbenzene	13.503	105	267204	18.884	ug/l	99
86) p-Isopropyltoluene	13.619	119	208334	18.356	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	102323	18.985	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	101314	18.940	ug/l	99
89) n-Butylbenzene	13.946	91	159534	16.884	ug/l	98
90) Hexachloroethane	14.214	117	37612	15.776	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	103430	19.755	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.606	75	17522	22.317	ug/l	98
93) 1,2,4-Trichlorobenzene	15.268	180	43483	17.099	ug/l	98
94) Hexachlorobutadiene	15.373	225	24590	16.494	ug/l	100
95) Naphthalene	15.509	128	132795	19.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	43167	17.667	ug/l	99

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

