

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069267.D
 Acq On : 28 Oct 2021 23:36
 Operator : JC/MD
 Sample : VN1028WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02

Quant Time: Oct 29 07:55:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	227284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	405858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	375335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	152279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	167147	50.945	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.880%			
35) Dibromofluoromethane	8.024	113	125876	49.754	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.500%			
50) Toluene-d8	10.443	98	502563	49.682	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.360%			
62) 4-Bromofluorobenzene	12.734	95	175084	45.868	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	55075	21.133	ug/l	98
3) Chloromethane	2.303	50	56686	20.551	ug/l	99
4) Vinyl Chloride	2.443	62	68284	21.157	ug/l	98
5) Bromomethane	2.853	94	47454	24.833	ug/l	99
6) Chloroethane	3.019	64	43836	22.134	ug/l	99
7) Trichlorofluoromethane	3.373	101	104570	25.941	ug/l	100
8) Diethyl Ether	3.824	74	38850	27.093	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.202	101	45265	21.169	ug/l	99
10) Methyl Iodide	4.417	142	56113	19.522	ug/l	97
11) Tert butyl alcohol	5.388	59	63456	107.565	ug/l	100
12) 1,1-Dichloroethene	4.175	96	44620	21.826	ug/l	98
13) Acrolein	4.041	56	13333	92.281	ug/l	98
14) Allyl chloride	4.838	41	73740	20.390	ug/l	95
15) Acrylonitrile	5.559	53	154692	111.776	ug/l	100
16) Acetone	4.293	43	134021	95.875	ug/l	99
17) Carbon Disulfide	4.527	76	100623	18.485	ug/l	99
18) Methyl Acetate	4.859	43	105603	22.230	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	171339	21.302	ug/l	100
20) Methylene Chloride	5.095	84	55095	20.548	ug/l	95
21) trans-1,2-Dichloroethene	5.599	96	47174	20.436	ug/l	99
22) Diisopropyl ether	6.503	45	162521	19.823	ug/l	98
23) Vinyl Acetate	6.436	43	624911m	97.563	ug/l	
24) 1,1-Dichloroethane	6.391	63	94012	21.750	ug/l	99
25) 2-Butanone	7.343	43	211547	99.733	ug/l	96
26) 2,2-Dichloropropane	7.329	77	66653	16.279	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	58067	21.290	ug/l	98
28) Bromochloromethane	7.659	49	38950	17.986	ug/l	96
29) Tetrahydrofuran	7.691	42	139937	103.368	ug/l	96
30) Chloroform	7.820	83	99128	21.097	ug/l	98
31) Cyclohexane	8.096	56	88315	20.112	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	88218	19.720	ug/l	98
36) 1,1-Dichloropropene	8.222	75	70105	20.036	ug/l	100
37) Ethyl Acetate	7.421	43	84858	21.282	ug/l	97
38) Carbon Tetrachloride	8.206	117	73031	18.951	ug/l	96
39) Methylcyclohexane	9.462	83	85097	19.642	ug/l	96
40) Benzene	8.461	78	220962	20.996	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	40462	20.584	ug/l	94
42) 1,2-Dichloroethane	8.534	62	81988	20.701	ug/l	99
43) Isopropyl Acetate	8.566	43	134707	19.653	ug/l	99
44) Trichloroethene	9.217	130	53892	20.336	ug/l	99
45) 1,2-Dichloropropane	9.494	63	55997	20.899	ug/l	94
46) Dibromomethane	9.580	93	40188	21.111	ug/l	99
47) Bromodichloromethane	9.765	83	73251	18.678	ug/l	99
48) Methyl methacrylate	9.563	41	63136	20.980	ug/l	98
49) 1,4-Dioxane	9.569	88	27779	402.683	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	434722	99.987	ug/l	100
52) Toluene	10.508	92	141682	20.527	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	75112	17.552	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	83409	18.372	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	57049	20.603	ug/l	99
56) Ethyl methacrylate	10.762	69	92670	19.286	ug/l	97
57) 1,3-Dichloropropane	11.047	76	95071	20.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	99648	85.832	ug/l	99
59) 2-Hexanone	11.087	43	323063	98.357	ug/l	100
60) Dibromochloromethane	11.240	129	53222	18.191	ug/l	99
61) 1,2-Dibromoethane	11.347	107	59877	19.452	ug/l	100
64) Tetrachloroethene	10.980	164	48875	20.386	ug/l	98
65) Chlorobenzene	11.771	112	146969	19.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	53752	19.062	ug/l	99
67) Ethyl Benzene	11.846	91	274336	20.387	ug/l	100
68) m/p-Xylenes	11.956	106	203137	40.527	ug/l	100
69) o-Xylene	12.283	106	102830	20.384	ug/l	100
70) Styrene	12.296	104	163233	18.741	ug/l	99
71) Bromoform	12.460	173	35934	17.430	ug/l #	99
73) Isopropylbenzene	12.581	105	268293	20.960	ug/l	99
74) N-amyl acetate	12.390	43	97454	19.327	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	89805	21.978	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	75077m	18.745	ug/l	
77) Bromobenzene	12.862	156	60233	20.059	ug/l	98
78) n-propylbenzene	12.921	91	291744	20.136	ug/l	99
79) 2-Chlorotoluene	13.010	91	183222	20.079	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	218221	20.536	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	20746	18.190	ug/l	86
82) 4-Chlorotoluene	13.106	91	174425	19.380	ug/l	100
83) tert-Butylbenzene	13.326	119	192509	20.764	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	213832	20.574	ug/l	99
85) sec-Butylbenzene	13.503	105	258591	20.131	ug/l	100
86) p-Isopropyltoluene	13.619	119	204898	20.001	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	102570	19.524	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	99239	19.499	ug/l	99
89) n-Butylbenzene	13.943	91	157335	18.135	ug/l	99
90) Hexachloroethane	14.211	117	34356	18.277	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	100066	19.551	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	15855	19.752	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	42731	18.906	ug/l	98
94) Hexachlorobutadiene	15.370	225	24862	19.740	ug/l	99
95) Naphthalene	15.507	128	133587	19.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	44007	19.620	ug/l	99

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

