

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068955.D
 Acq On : 15 Oct 2021 17:37
 Operator : JC/MD
 Sample : VN1015WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Manual Integrations
 APPROVED

SAM
 10/18/2021 6:16:29 PM

Quant Time: Oct 18 02:16:40 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	340907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	603935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	538605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	206017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215393	47.921	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.840%
35) Dibromofluoromethane	8.024	113	166413	47.361	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.720%
50) Toluene-d8	10.443	98	670191	47.670	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.734	95	223840	42.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	60169	15.065	ug/l	100
3) Chloromethane	2.303	50	70181	16.843	ug/l	100
4) Vinyl Chloride	2.443	62	79644	18.818	ug/l	100
5) Bromomethane	2.853	94	50752	21.801	ug/l	99
6) Chloroethane	3.014	64	49617	19.893	ug/l	96
7) Trichlorofluoromethane	3.373	101	99358	16.765	ug/l	99
8) Diethyl Ether	3.829	74	36713	16.608	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	53436	16.769	ug/l	98
10) Methyl Iodide	4.428	142	64508	13.947	ug/l	99
11) Tert butyl alcohol	5.369	59	62367	75.936	ug/l	100
12) 1,1-Dichloroethene	4.186	96	53438	16.223	ug/l	93
13) Acrolein	4.049	56	26033	71.652	ug/l	98
14) Allyl chloride	4.846	41	93734	15.874	ug/l	97
15) Acrylonitrile	5.557	53	150703	81.890	ug/l	99
16) Acetone	4.291	43	121275	72.302	ug/l	100
17) Carbon Disulfide	4.535	76	138757	15.521	ug/l	97
18) Methyl Acetate	4.857	43	109847	17.266	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	206183	16.810	ug/l	98
20) Methylene Chloride	5.098	84	64051	16.591	ug/l	97
21) trans-1,2-Dichloroethene	5.602	96	56156	15.780	ug/l	93
22) Diisopropyl ether	6.498	45	198286	16.147	ug/l	96
23) Vinyl Acetate	6.436	43	757135	81.557	ug/l	100
24) 1,1-Dichloroethane	6.391	63	112237	16.822	ug/l	99
25) 2-Butanone	7.335	43	202672	79.904	ug/l	98
26) 2,2-Dichloropropane	7.329	77	91538	14.396	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	68175	15.848	ug/l	99
28) Bromochloromethane	7.659	49	46265	15.310	ug/l	97
29) Tetrahydrofuran	7.686	42	136190	82.778	ug/l	98
30) Chloroform	7.820	83	117312	16.684	ug/l	98
31) Cyclohexane	8.096	56	106461	15.234	ug/l #	90
32) 1,1,1-Trichloroethane	8.016	97	106040	16.177	ug/l	99
36) 1,1-Dichloropropene	8.225	75	83268	16.142	ug/l	99
37) Ethyl Acetate	7.415	43	86469	16.230	ug/l	99
38) Carbon Tetrachloride	8.209	117	89184	15.742	ug/l	99
39) Methylcyclohexane	9.462	83	103636	15.609	ug/l	97
40) Benzene	8.464	78	257922	16.420	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	43731	16.283	ug/l	99
42) 1,2-Dichloroethane	8.531	62	91778	16.500	ug/l	99
43) Isopropyl Acetate	8.563	43	173313	18.437	ug/l	95
44) Trichloroethene	9.218	130	62808	15.976	ug/l	98
45) 1,2-Dichloropropane	9.491	63	67056	16.451	ug/l	98
46) Dibromomethane	9.580	93	45212	16.250	ug/l	99
47) Bromodichloromethane	9.765	83	94552	16.399	ug/l	99
48) Methyl methacrylate	9.561	41	65063	14.731	ug/l	90
49) 1,4-Dioxane	9.569	88	24407	309.053	ug/l	97
51) 4-Methyl-2-Pentanone	10.331	43	447620	82.122	ug/l	100
52) Toluene	10.508	92	168290	16.652	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	102847	15.747	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	107459	15.814	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	65606	16.465	ug/l	97
56) Ethyl methacrylate	10.762	69	107256	16.032	ug/l	99
57) 1,3-Dichloropropane	11.047	76	110547	16.826	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	141705	85.361	ug/l	100
59) 2-Hexanone	11.087	43	322062	82.393	ug/l	99
60) Dibromochloromethane	11.240	129	69607	15.477	ug/l	99
61) 1,2-Dibromoethane	11.347	107	66223	16.204	ug/l	98
64) Tetrachloroethene	10.980	164	52575	15.153	ug/l	96
65) Chlorobenzene	11.773	112	171654	16.842	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	65835	16.504	ug/l	99
67) Ethyl Benzene	11.846	91	321350	16.974	ug/l	98
68) m/p-Xylenes	11.956	106	236257	32.919	ug/l	98
69) o-Xylene	12.283	106	119068	16.575	ug/l	100
70) Styrene	12.296	104	193951	16.586	ug/l	99
71) Bromoform	12.460	173	48695	15.238	ug/l #	100
73) Isopropylbenzene	12.581	105	309573	18.053	ug/l	99
74) N-amyl acetate	12.390	43	119773	18.436	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	97326	19.640	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	83045m	18.945	ug/l	
77) Bromobenzene	12.862	156	67385	17.771	ug/l	100
78) n-propylbenzene	12.921	91	346099	17.960	ug/l	99
79) 2-Chlorotoluene	13.010	91	211679	17.821	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	254990	17.853	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	29048	15.854	ug/l	98
82) 4-Chlorotoluene	13.106	91	202296	17.625	ug/l	98
83) tert-Butylbenzene	13.326	119	218778	17.596	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	242850	17.647	ug/l	99
85) sec-Butylbenzene	13.503	105	302828	17.586	ug/l	100
86) p-Isopropyltoluene	13.619	119	237304	17.181	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	112932	17.218	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	112259	17.245	ug/l	98
89) n-Butylbenzene	13.943	91	198487	17.263	ug/l	98
90) Hexachloroethane	14.211	117	49864	17.187	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	113098	17.751	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	17283	18.089	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	49760	16.234	ug/l	98
94) Hexachlorobutadiene	15.373	225	28829	15.891	ug/l	99
95) Naphthalene	15.507	128	139630	17.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	48305	16.448	ug/l	99

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

