

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069664.D
 Acq On : 29 Nov 2021 15:09
 Operator : JC/MD
 Sample : VN1129WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:17:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1324643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2132936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1949436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	812648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	909677	47.363	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.720%		
35) Dibromofluoromethane	8.021	113	629572	49.214	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.420%		
50) Toluene-d8	10.440	98	2390757	47.518	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.040%		
62) 4-Bromofluorobenzene	12.731	95	877655	47.485	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	215597	15.235	ug/l	97
3) Chloromethane	2.303	50	241675	14.725	ug/l	99
4) Vinyl Chloride	2.448	62	244256	14.864	ug/l	99
5) Bromomethane	2.861	94	152044	14.246	ug/l	100
6) Chloroethane	3.025	64	158150	14.258	ug/l	99
7) Trichlorofluoromethane	3.381	101	364561	14.354	ug/l	98
8) Diethyl Ether	3.824	74	147136	17.906	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.210	101	219720	18.365	ug/l	96
10) Methyl Iodide	4.419	142	243405	16.588	ug/l	96
11) Tert butyl alcohol	5.371	59	240394	69.459	ug/l	100
12) 1,1-Dichloroethene	4.181	96	183601	17.101	ug/l	92
13) Acrolein	4.044	56	35705	68.040	ug/l	96
14) Allyl chloride	4.838	41	413308	17.412	ug/l	95
15) Acrylonitrile	5.554	53	779671	87.970	ug/l	99
16) Acetone	4.288	43	990028	95.537	ug/l	97
17) Carbon Disulfide	4.532	76	322112	12.692	ug/l	97
18) Methyl Acetate	4.854	43	582343	17.287	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	841359	18.517	ug/l	97
20) Methylene Chloride	5.093	84	245353	16.697	ug/l	86
21) trans-1,2-Dichloroethene	5.599	96	199178	16.610	ug/l	86
22) Diisopropyl ether	6.495	45	966942	18.911	ug/l	96
23) Vinyl Acetate	6.434	43	3607646	91.224	ug/l	95
24) 1,1-Dichloroethane	6.385	63	469960	18.045	ug/l	98
25) 2-Butanone	7.335	43	1249354	89.036	ug/l	92
26) 2,2-Dichloropropane	7.324	77	374315	18.370	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	262627	17.667	ug/l	85
28) Bromochloromethane	7.654	49	260158	19.506	ug/l #	79
29) Tetrahydrofuran	7.683	42	738043	85.708	ug/l	89
30) Chloroform	7.817	83	490744	18.380	ug/l	99
31) Cyclohexane	8.094	56	426407	16.250	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	397954	17.857	ug/l	95
36) 1,1-Dichloropropene	8.220	75	326148	18.173	ug/l	96
37) Ethyl Acetate	7.410	43	456099	18.800	ug/l	96
38) Carbon Tetrachloride	8.206	117	314809	18.169	ug/l	100
39) Methylcyclohexane	9.459	83	380609	17.048	ug/l	89
40) Benzene	8.458	78	1013792	18.300	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	233511	18.627	ug/l	89
42) 1,2-Dichloroethane	8.531	62	425400	19.612	ug/l	97
43) Isopropyl Acetate	8.560	43	725544	18.619	ug/l #	94
44) Trichloroethene	9.215	130	250127	18.866	ug/l	91
45) 1,2-Dichloropropane	9.488	63	291409	19.689	ug/l	97
46) Dibromomethane	9.577	93	184773	18.638	ug/l	93
47) Bromodichloromethane	9.759	83	356121	19.251	ug/l	99
48) Methyl methacrylate	9.558	41	332345	18.128	ug/l	90
49) 1,4-Dioxane	9.569	88	100211	304.097	ug/l #	87
51) 4-Methyl-2-Pentanone	10.330	43	2376809	94.494	ug/l	95
52) Toluene	10.505	92	636621	18.447	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	358613	17.572	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	406379	18.100	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	270087	19.414	ug/l	96
56) Ethyl methacrylate	10.760	69	432407	17.869	ug/l	88
57) 1,3-Dichloropropane	11.044	76	464985	19.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	661022	111.896	ug/l	91
59) 2-Hexanone	11.084	43	1704913	85.669	ug/l	93
60) Dibromochloromethane	11.237	129	245455	17.715	ug/l	99
61) 1,2-Dibromoethane	11.344	107	263982	17.707	ug/l	98
64) Tetrachloroethene	10.974	164	225481	19.156	ug/l	96
65) Chlorobenzene	11.768	112	693144	19.102	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.840	131	254515	20.222	ug/l	99
67) Ethyl Benzene	11.843	91	1254981	18.753	ug/l	96
68) m/p-Xylenes	11.953	106	912011	37.054	ug/l	92
69) o-Xylene	12.280	106	452930	18.459	ug/l	90
70) Styrene	12.294	104	745807	17.934	ug/l	95
71) Bromoform	12.457	173	168209	17.765	ug/l #	99
73) Isopropylbenzene	12.578	105	1231884	19.039	ug/l	99
74) N-amyl acetate	12.387	43	473618	17.272	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	417280	19.121	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	350924m	18.712	ug/l	
77) Bromobenzene	12.860	156	283942	19.188	ug/l	80
78) n-propylbenzene	12.919	91	1386498	19.044	ug/l	95
79) 2-Chlorotoluene	13.007	91	858662	19.048	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	1004109	19.196	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	87987	18.136	ug/l #	83
82) 4-Chlorotoluene	13.104	91	829062	19.293	ug/l	93
83) tert-Butylbenzene	13.323	119	895353	19.533	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	977134	19.350	ug/l	97
85) sec-Butylbenzene	13.500	105	1238305	19.339	ug/l	97
86) p-Isopropyltoluene	13.616	119	972187	19.126	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	477846	18.625	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	461029	18.318	ug/l	95
89) n-Butylbenzene	13.943	91	764172	18.028	ug/l	98
90) Hexachloroethane	14.209	117	156185	18.156	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	473373	19.390	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	64449	17.111	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	196993	17.555	ug/l	97
94) Hexachlorobutadiene	15.370	225	141755	22.347	ug/l	97
95) Naphthalene	15.507	128	440357	15.571	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	182802	17.167	ug/l	96

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

