

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077686.D
 Acq On : 16 May 2023 12:30
 Operator : JC\MD
 Sample : VN0516WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01

Quant Time: May 17 03:57:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/17/2023
 Supervised By : Mahesh Dadoda 05/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	398585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	730105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	639330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	273944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	271557	45.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.060%		
35) Dibromofluoromethane	8.171	113	219076	46.015	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.040%		
50) Toluene-d8	10.571	98	848675	46.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.620%		
62) 4-Bromofluorobenzene	12.853	95	284614	43.976	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	89177	19.659	ug/l	98
3) Chloromethane	2.365	50	88597	17.248	ug/l	95
4) Vinyl Chloride	2.518	62	106249	18.578	ug/l	98
5) Bromomethane	2.959	94	78916	18.657	ug/l	95
6) Chloroethane	3.124	64	78020	18.929	ug/l #	86
7) Trichlorofluoromethane	3.506	101	151198	18.970	ug/l	98
8) Diethyl Ether	3.965	74	54887	18.863	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	85274	19.333	ug/l	98
10) Methyl Iodide	4.595	142	101173	19.233	ug/l	95
11) Tert butyl alcohol	5.524	59	76911	93.444	ug/l #	88
12) 1,1-Dichloroethene	4.353	96	80014	19.086	ug/l	93
13) Acrolein	4.183	56	52901	84.266	ug/l	92
14) Allyl chloride	5.030	41	113529	18.434	ug/l	94
15) Acrylonitrile	5.724	53	200442	91.154	ug/l	98
16) Acetone	4.436	43	164510	87.678	ug/l	94
17) Carbon Disulfide	4.718	76	198635	17.585	ug/l	97
18) Methyl Acetate	5.036	43	145597	18.497	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	279620	18.427	ug/l	97
20) Methylene Chloride	5.289	84	94910	18.177	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	84015	17.841	ug/l #	79
22) Diisopropyl ether	6.683	45	270497	18.739	ug/l #	93
23) Vinyl Acetate	6.612	43	800496	89.503	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	167007	18.884	ug/l	96
25) 2-Butanone	7.488	43	268534	91.490	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	142247	18.932	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	104144	18.444	ug/l	88
28) Bromochloromethane	7.818	49	80206	20.970	ug/l	85
29) Tetrahydrofuran	7.841	42	165141	85.926	ug/l	86
30) Chloroform	7.971	83	180173	18.520	ug/l	89
31) Cyclohexane	8.265	56	152176	18.774	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	158389	19.150	ug/l	97
36) 1,1-Dichloropropene	8.377	75	132121	18.973	ug/l	97
37) Ethyl Acetate	7.571	43	106684	17.188	ug/l	95
38) Carbon Tetrachloride	8.365	117	136184	19.367	ug/l	95
39) Methylcyclohexane	9.606	83	163201	19.143	ug/l	87
40) Benzene	8.612	78	393680	19.158	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	56921	17.220	ug/l	91
42) 1,2-Dichloroethane	8.677	62	141790	18.995	ug/l	99
43) Isopropyl Acetate	8.694	43	187291	18.474	ug/l #	94
44) Trichloroethene	9.359	130	98462	18.923	ug/l	99
45) 1,2-Dichloropropane	9.630	63	99382	18.960	ug/l	99
46) Dibromomethane	9.712	93	70451	18.783	ug/l	100
47) Bromodichloromethane	9.894	83	140760	19.603	ug/l	98
48) Methyl methacrylate	9.688	41	90123	18.750	ug/l	86
49) 1,4-Dioxane	9.700	88	34827	383.623	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	569434	94.493	ug/l	93
52) Toluene	10.635	92	246788	19.291	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	141408	18.596	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	156866	18.720	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	98075	19.308	ug/l	96
56) Ethyl methacrylate	10.882	69	144780	18.851	ug/l #	88
57) 1,3-Dichloropropane	11.171	76	165779	19.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	329553	87.220	ug/l	89
59) 2-Hexanone	11.200	43	408668	91.685	ug/l	92
60) Dibromochloromethane	11.365	129	96554	18.413	ug/l	99
61) 1,2-Dibromoethane	11.476	107	98005	19.340	ug/l	97
64) Tetrachloroethene	11.112	164	87766	19.630	ug/l	97
65) Chlorobenzene	11.900	112	255194	18.412	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	93068	19.407	ug/l	99
67) Ethyl Benzene	11.971	91	468286	18.854	ug/l	97
68) m/p-Xylenes	12.076	106	350045	37.194	ug/l	93
69) o-Xylene	12.406	106	177679	19.197	ug/l	97
70) Styrene	12.418	104	276642	18.815	ug/l	97
71) Bromoform	12.588	173	59841	18.757	ug/l #	99
73) Isopropylbenzene	12.700	105	464921	19.688	ug/l	100
74) N-amyl acetate	12.500	43	156483	17.928	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	132637	18.258	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	118734m	17.307	ug/l	
77) Bromobenzene	12.988	156	98181	18.219	ug/l	94
78) n-propylbenzene	13.041	91	521167	18.720	ug/l	99
79) 2-Chlorotoluene	13.129	91	320304	19.281	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	385894	19.444	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.747	75	38314	17.852	ug/l	87
82) 4-Chlorotoluene	13.229	91	309575	18.730	ug/l	99
83) tert-Butylbenzene	13.447	119	328781	18.976	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	380783	19.508	ug/l	99
85) sec-Butylbenzene	13.623	105	466259	18.936	ug/l	100
86) p-Isopropyltoluene	13.735	119	384734	19.599	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	180785	18.140	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	178682	18.068	ug/l	97
89) n-Butylbenzene	14.065	91	330493	18.304	ug/l	99
90) Hexachloroethane	14.341	117	60194	18.666	ug/l	91
91) 1,2-Dichlorobenzene	14.117	146	177920	19.110	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24167	17.183	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	93747	17.231	ug/l	98
94) Hexachlorobutadiene	15.511	225	41159	18.220	ug/l	98
95) Naphthalene	15.647	128	294456	15.724	ug/l	98
96) 1,2,3-Trichlorobenzene	15.853	180	86907	16.315	ug/l	97

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

