

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
 Data File : VN082852.D
 Acq On : 10 Jul 2024 14:00
 Operator : JC\MD
 Sample : VN0710WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2024
 Supervised By : Mahesh Dadoda 07/11/2024

Quant Time: Jul 11 03:47:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	120704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	191058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	83883	49.576	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.160%		
35) Dibromofluoromethane	8.165	113	62119	47.174	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.340%		
50) Toluene-d8	10.571	98	227794	46.836	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.680%		
62) 4-Bromofluorobenzene	12.853	95	76375	43.716	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	87.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30556	19.553	ug/l	93
3) Chloromethane	2.359	50	29742	20.069	ug/l	95
4) Vinyl Chloride	2.512	62	29680	19.069	ug/l	99
5) Bromomethane	2.948	94	21849	19.470	ug/l #	79
6) Chloroethane	3.118	64	21641	20.318	ug/l	98
7) Trichlorofluoromethane	3.495	101	38238	17.081	ug/l	97
8) Diethyl Ether	3.965	74	14779	19.290	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	25036	19.760	ug/l	99
10) Methyl Iodide	4.589	142	23384	18.002	ug/l #	97
11) Tert butyl alcohol	5.530	59	26496	93.103	ug/l	99
12) 1,1-Dichloroethene	4.348	96	22858	18.551	ug/l #	77
13) Acrolein	4.177	56	22319	108.627	ug/l	99
14) Allyl chloride	5.018	41	35127	18.284	ug/l	94
15) Acrylonitrile	5.724	53	69749	106.645	ug/l	98
16) Acetone	4.430	43	61401	103.071	ug/l	96
17) Carbon Disulfide	4.712	76	66143	17.964	ug/l	99
18) Methyl Acetate	5.030	43	33518	21.263	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	79950	18.810	ug/l	96
20) Methylene Chloride	5.283	84	28715	19.959	ug/l #	74
21) trans-1,2-Dichloroethene	5.783	96	25407	19.030	ug/l	89
22) Diisopropyl ether	6.677	45	84141	20.934	ug/l	97
23) Vinyl Acetate	6.606	43	329350	103.182	ug/l	96
24) 1,1-Dichloroethane	6.565	63	49646	20.363	ug/l	98
25) 2-Butanone	7.488	43	91940	102.212	ug/l	95
26) 2,2-Dichloropropane	7.494	77	41232	18.189	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	29257	18.718	ug/l	92
28) Bromochloromethane	7.812	49	23626	22.589	ug/l #	88
29) Tetrahydrofuran	7.841	42	60538	106.904	ug/l	89
30) Chloroform	7.971	83	52534	20.311	ug/l	97
31) Cyclohexane	8.253	56	39709	17.951	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	46305	19.282	ug/l	96
36) 1,1-Dichloropropene	8.371	75	33160	18.265	ug/l	97
37) Ethyl Acetate	7.565	43	39455	21.346	ug/l	98
38) Carbon Tetrachloride	8.365	117	39749	18.184	ug/l	97
39) Methylcyclohexane	9.606	83	33642	17.155	ug/l	93
40) Benzene	8.606	78	108823	19.486	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	19501	19.583	ug/l	92
42) 1,2-Dichloroethane	8.671	62	40998	20.392	ug/l	96
43) Isopropyl Acetate	8.688	43	69545	18.058	ug/l	97
44) Trichloroethene	9.353	130	25440	17.781	ug/l	91
45) 1,2-Dichloropropane	9.624	63	27775	21.303	ug/l	99
46) Dibromomethane	9.712	93	20581	20.262	ug/l	98
47) Bromodichloromethane	9.888	83	42387	20.196	ug/l	96
48) Methyl methacrylate	9.688	41	29373	20.266	ug/l	92
49) 1,4-Dioxane	9.694	88	12821	401.244	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	199610	108.930	ug/l	96
52) Toluene	10.629	92	66414	19.038	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	41015	18.970	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	43609	19.056	ug/l #	88
55) 1,1,2-Trichloroethane	11.024	97	27250	21.242	ug/l	90
56) Ethyl methacrylate	10.876	69	39594	19.839	ug/l	89
57) 1,3-Dichloropropane	11.165	76	45569	20.068	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	115973	113.244	ug/l	97
59) 2-Hexanone	11.194	43	146573	107.585	ug/l	96
60) Dibromochloromethane	11.359	129	32540	19.916	ug/l	99
61) 1,2-Dibromoethane	11.471	107	27390	20.106	ug/l	98
64) Tetrachloroethene	11.106	164	24853	17.435	ug/l	95
65) Chlorobenzene	11.894	112	73758	18.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	26618	18.278	ug/l	98
67) Ethyl Benzene	11.965	91	119066	17.304	ug/l	98
68) m/p-Xylenes	12.076	106	93693	36.066	ug/l	97
69) o-Xylene	12.400	106	42641	17.131	ug/l	98
70) Styrene	12.412	104	73933	17.976	ug/l	99
71) Bromoform	12.582	173	21250	18.555	ug/l #	98
73) Isopropylbenzene	12.700	105	109338	17.016	ug/l	98
74) N-amyl acetate	12.494	43	51142	19.242	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	38840	20.183	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	34773m	22.809	ug/l	
77) Bromobenzene	12.982	156	30182	18.208	ug/l	94
78) n-propylbenzene	13.035	91	129370	17.511	ug/l	99
79) 2-Chlorotoluene	13.123	91	82502	17.527	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	92909	17.888	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	13686	17.656	ug/l	94
82) 4-Chlorotoluene	13.223	91	82819	17.775	ug/l	96
83) tert-Butylbenzene	13.441	119	74903	16.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	93362	17.636	ug/l	99
85) sec-Butylbenzene	13.617	105	104198	16.746	ug/l	99
86) p-Isopropyltoluene	13.729	119	86426	16.648	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	53687	17.928	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	52104	16.825	ug/l	98
89) n-Butylbenzene	14.059	91	73688	16.568	ug/l	97
90) Hexachloroethane	14.335	117	19246	17.520	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	51107	17.578	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8488	19.065	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	25020	15.976	ug/l	98
94) Hexachlorobutadiene	15.500	225	11309	16.289	ug/l	97
95) Naphthalene	15.641	128	79131	14.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	25558	15.872	ug/l	98

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

