

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078696.D
 Acq On : 28 Jul 2023 20:08
 Operator : JC\MD
 Sample : VN0728WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 29 00:42:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

07/31/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	745346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1260868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1098685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	433773	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	485304	48.568	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.140%
35) Dibromofluoromethane	8.177	113	434805	50.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.600%
50) Toluene-d8	10.571	98	1559604	48.234	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.853	95	510426	51.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	177907	19.468	ug/l	95
3) Chloromethane	2.371	50	184004	18.525	ug/l	99
4) Vinyl Chloride	2.518	62	180779	14.070	ug/l	99
5) Bromomethane	2.953	94	212072	23.455	ug/l	99
6) Chloroethane	3.118	64	113422	13.178	ug/l	97
7) Trichlorofluoromethane	3.500	101	285314	18.576	ug/l	97
8) Diethyl Ether	3.971	74	101490	19.833	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	156977	19.307	ug/l	94
10) Methyl Iodide	4.600	142	220431	19.730	ug/l	90
11) Tert butyl alcohol	5.536	59	168873	109.599	ug/l	99
12) 1,1-Dichloroethene	4.347	96	158509	20.154	ug/l	89
13) Acrolein	4.194	56	143212	94.470	ug/l	96
14) Allyl chloride	5.036	41	236643	22.020	ug/l #	83
15) Acrylonitrile	5.736	53	437948	112.494	ug/l	99
16) Acetone	4.441	43	317919	102.141	ug/l	100
17) Carbon Disulfide	4.718	76	427030	18.777	ug/l	96
18) Methyl Acetate	5.041	43	291680	22.137	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	527629	20.362	ug/l	98
20) Methylene Chloride	5.289	84	195389	21.180	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	172804	19.498	ug/l #	82
22) Diisopropyl ether	6.683	45	528016	21.943	ug/l #	91
23) Vinyl Acetate	6.618	43	1591331	104.022	ug/l #	88
24) 1,1-Dichloroethane	6.583	63	325101	20.050	ug/l	98
25) 2-Butanone	7.494	43	534687	109.129	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	198464	14.965	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	206396	20.131	ug/l	96
28) Bromochloromethane	7.818	49	151240	19.803	ug/l	91
29) Tetrahydrofuran	7.853	42	364561	113.396	ug/l #	83
30) Chloroform	7.977	83	342614	20.296	ug/l	94
31) Cyclohexane	8.265	56	269647	19.968	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	294270	19.443	ug/l	99
36) 1,1-Dichloropropene	8.377	75	246066	19.910	ug/l	97
37) Ethyl Acetate	7.577	43	223537	21.698	ug/l	96
38) Carbon Tetrachloride	8.371	117	267766	19.935	ug/l	100
39) Methylcyclohexane	9.612	83	218540	19.373	ug/l #	85
40) Benzene	8.612	78	777452	21.234	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	117295	22.333	ug/l	92
42) 1,2-Dichloroethane	8.682	62	244459	19.630	ug/l	100
43) Isopropyl Acetate	8.700	43	401486	23.670	ug/l #	92
44) Trichloroethene	9.359	130	186301	18.879	ug/l	97
45) 1,2-Dichloropropane	9.629	63	203484	21.943	ug/l	97
46) Dibromomethane	9.718	93	134969	20.679	ug/l	93
47) Bromodichloromethane	9.894	83	264895	20.247	ug/l	100
48) Methyl methacrylate	9.688	41	164814	20.974	ug/l #	87
49) 1,4-Dioxane	9.706	88	73535	429.098	ug/l #	75
51) 4-Methyl-2-Pentanone	10.453	43	1144219	113.413	ug/l	96
52) Toluene	10.635	92	471279	20.768	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	262515	19.586	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	299171	20.940	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	187609	20.984	ug/l	95
56) Ethyl methacrylate	10.876	69	273750	21.904	ug/l #	87
57) 1,3-Dichloropropane	11.170	76	314510	20.689	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.171	63	445138	99.942	ug/l	90
59) 2-Hexanone	11.200	43	811688	113.201	ug/l	96
60) Dibromochloromethane	11.365	129	201020	20.366	ug/l	99
61) 1,2-Dibromoethane	11.476	107	189637	20.590	ug/l	99
64) Tetrachloroethene	11.112	164	153538	18.588	ug/l	97
65) Chlorobenzene	11.900	112	479821	19.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	187585	19.855	ug/l	97
67) Ethyl Benzene	11.970	91	838824	20.207	ug/l	99
68) m/p-Xylenes	12.076	106	625927	40.782	ug/l	94
69) o-Xylene	12.406	106	309944	19.993	ug/l	95
70) Styrene	12.417	104	489983	20.203	ug/l	98
71) Bromoform	12.588	173	134417	21.008	ug/l #	98
73) Isopropylbenzene	12.700	105	767238	18.824	ug/l	99
74) N-amyl acetate	12.500	43	278280	19.812	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	272309	22.198	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	222007m	21.174	ug/l	
77) Bromobenzene	12.988	156	182544	19.657	ug/l	97
78) n-propylbenzene	13.041	91	838418	19.234	ug/l	98
79) 2-Chlorotoluene	13.129	91	546496	19.140	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	635083	19.720	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	71057	17.809	ug/l #	86
82) 4-Chlorotoluene	13.229	91	521608	19.584	ug/l	99
83) tert-Butylbenzene	13.447	119	514276	18.809	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	615482	19.676	ug/l	100
85) sec-Butylbenzene	13.623	105	655682	18.972	ug/l	99
86) p-Isopropyltoluene	13.735	119	533541	19.226	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	286829	18.331	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	281098	17.835	ug/l	98
89) n-Butylbenzene	14.064	91	379789	19.127	ug/l	97
90) Hexachloroethane	14.341	117	107159	20.528	ug/l	79
91) 1,2-Dichlorobenzene	14.111	146	290368	18.647	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41082	19.898	ug/l	88
93) 1,2,4-Trichlorobenzene	15.400	180	77142	15.522	ug/l	97
94) Hexachlorobutadiene	15.505	225	62103	21.823	ug/l	98
95) Naphthalene	15.647	128	232269	13.671	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	92917	16.260	ug/l	97

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

