

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080105.D
 Acq On : 15 Nov 2023 12:52
 Operator : JC\MD
 Sample : VN1115WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

Quant Time: Nov 15 21:50:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/16/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	203256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	319855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	286330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	156138	50.421	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.840%			
35) Dibromofluoromethane	8.171	113	113761	50.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	10.571	98	404138	48.493	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.980%			
62) 4-Bromofluorobenzene	12.853	95	151552	54.832	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39959	16.321	ug/l	98
3) Chloromethane	2.365	50	28855	8.652	ug/l	97
4) Vinyl Chloride	2.512	62	85471	26.670	ug/l	98
5) Bromomethane	2.959	94	22229	11.416	ug/l	94
6) Chloroethane	3.124	64	21033	8.306	ug/l	97
7) Trichlorofluoromethane	3.495	101	75143	18.852	ug/l	100
8) Diethyl Ether	3.959	74	22274	14.726	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.383	101	37941	16.420	ug/l	97
10) Methyl Iodide	4.595	142	38640	14.643	ug/l	90
11) Tert butyl alcohol	5.524	59	28173	71.269	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	33253	15.199	ug/l	93
13) Acrolein	4.189	56	27639	79.546	ug/l	97
14) Allyl chloride	5.018	41	42616	12.718	ug/l	96
15) Acrylonitrile	5.724	53	83682	67.929	ug/l	97
16) Acetone	4.424	43	77487	71.237	ug/l	93
17) Carbon Disulfide	4.712	76	70396	11.155	ug/l	95
18) Methyl Acetate	5.024	43	65753	12.635	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	131722	17.487	ug/l	97
20) Methylene Chloride	5.271	84	40640	14.807	ug/l	86
21) trans-1,2-Dichloroethene	5.794	96	35338	14.482	ug/l #	85
22) Diisopropyl ether	6.671	45	111898	14.410	ug/l #	91
23) Vinyl Acetate	6.606	43	276475	64.545	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	74704	15.827	ug/l	98
25) 2-Butanone	7.488	43	102293	64.221	ug/l	90
26) 2,2-Dichloropropane	7.494	77	73701	18.881	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	45218	15.492	ug/l	87
28) Bromochloromethane	7.818	49	37583	16.339	ug/l	92
29) Tetrahydrofuran	7.835	42	59834	57.737	ug/l	93
30) Chloroform	7.971	83	89387	17.435	ug/l	90
31) Cyclohexane	8.259	56	54267	13.262	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	81702	19.558	ug/l	95
36) 1,1-Dichloropropene	8.371	75	55983	17.320	ug/l	95
37) Ethyl Acetate	7.559	43	39185	13.218	ug/l	99
38) Carbon Tetrachloride	8.365	117	73392	22.529	ug/l	98
39) Methylcyclohexane	9.606	83	47505	15.617	ug/l #	84
40) Benzene	8.606	78	165121	17.056	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22513	14.301	ug/l	92
42) 1,2-Dichloroethane	8.671	62	71317	21.089	ug/l	93
43) Isopropyl Acetate	8.694	43	74171	14.267	ug/l	98
44) Trichloroethene	9.353	130	41572	17.305	ug/l	94
45) 1,2-Dichloropropane	9.629	63	40640	16.426	ug/l	96
46) Dibromomethane	9.712	93	30385	17.986	ug/l	92
47) Bromodichloromethane	9.888	83	68688	19.065	ug/l	97
48) Methyl methacrylate	9.688	41	34071	14.962	ug/l	88
49) 1,4-Dioxane	9.700	88	13715	340.862	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	211734	72.342	ug/l	99
52) Toluene	10.629	92	106509	18.557	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	68413	19.370	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	72082	18.724	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	42700	18.497	ug/l	97
56) Ethyl methacrylate	10.876	69	57727	17.531	ug/l	90
57) 1,3-Dichloropropane	11.165	76	73106	17.966	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	158606	95.034	ug/l	96
59) 2-Hexanone	11.200	43	155366	69.390	ug/l	95
60) Dibromochloromethane	11.365	129	51123	20.689	ug/l	99
61) 1,2-Dibromoethane	11.471	107	40646	17.542	ug/l	100
64) Tetrachloroethene	11.112	164	37358	20.145	ug/l	92
65) Chlorobenzene	11.894	112	112383	18.094	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	46675	20.858	ug/l	93
67) Ethyl Benzene	11.965	91	195576	18.073	ug/l	98
68) m/p-Xylenes	12.076	106	148901	36.938	ug/l	88
69) o-Xylene	12.400	106	71824	18.503	ug/l	88
70) Styrene	12.412	104	123986	19.875	ug/l	96
71) Bromoform	12.576	173	33070	20.812	ug/l #	94
73) Isopropylbenzene	12.700	105	190909	17.859	ug/l	98
74) N-amyl acetate	12.494	43	59398	12.730	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	57554	15.185	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	53453m	16.165	ug/l	
77) Bromobenzene	12.982	156	46995	17.957	ug/l	99
78) n-propylbenzene	13.035	91	218379	17.840	ug/l	98
79) 2-Chlorotoluene	13.129	91	144198	18.439	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	165651	19.917	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	19702	16.211	ug/l	91
82) 4-Chlorotoluene	13.223	91	142707	18.364	ug/l	95
83) tert-Butylbenzene	13.441	119	134530	19.761	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	162956	19.915	ug/l	98
85) sec-Butylbenzene	13.617	105	180068	19.091	ug/l	99
86) p-Isopropyltoluene	13.735	119	147724	19.210	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	85788	17.621	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83973	16.993	ug/l	96
89) n-Butylbenzene	14.059	91	117473	17.736	ug/l	99
90) Hexachloroethane	14.335	117	29337	19.263	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	82846	18.026	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11704	18.210	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	41232	18.868	ug/l	100
94) Hexachlorobutadiene	15.506	225	24418	24.648	ug/l	98
95) Naphthalene	15.641	128	105452	14.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36888	17.220	ug/l	95

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

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