

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079638.D
 Acq On : 23 Oct 2023 10:50
 Operator : JC\MD
 Sample : VN1023WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Quant Time: Oct 23 23:46:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	252689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	452044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	405401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	211783	51.690	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.380%			
35) Dibromofluoromethane	8.171	113	168564	51.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.780%			
50) Toluene-d8	10.571	98	627129	53.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.700%			
62) 4-Bromofluorobenzene	12.853	95	194470	51.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	61932	17.104	ug/l	97
3) Chloromethane	2.365	50	74733	16.541	ug/l	99
4) Vinyl Chloride	2.518	62	81360	17.313	ug/l	96
5) Bromomethane	2.959	94	45916	16.321	ug/l	99
6) Chloroethane	3.124	64	54579	15.405	ug/l	96
7) Trichlorofluoromethane	3.506	101	100806	18.168	ug/l	96
8) Diethyl Ether	3.965	74	34758	17.571	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.377	101	57608	17.766	ug/l	99
10) Methyl Iodide	4.595	142	58279	20.713	ug/l	98
11) Tert butyl alcohol	5.518	59	42981	69.700	ug/l	99
12) 1,1-Dichloroethene	4.342	96	51371	17.207	ug/l #	80
13) Acrolein	4.183	56	65094	106.013	ug/l	96
14) Allyl chloride	5.030	41	79636	16.529	ug/l #	90
15) Acrylonitrile	5.724	53	151732	84.872	ug/l	98
16) Acetone	4.436	43	151423	93.179	ug/l	96
17) Carbon Disulfide	4.712	76	144254	15.490	ug/l	95
18) Methyl Acetate	5.030	43	127032	15.971	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	176671	18.212	ug/l #	91
20) Methylene Chloride	5.283	84	66719	18.368	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	55960	16.048	ug/l #	69
22) Diisopropyl ether	6.671	45	205559	19.027	ug/l #	86
23) Vinyl Acetate	6.612	43	511366	84.148	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	122995	18.602	ug/l	96
25) 2-Butanone	7.483	43	204533	84.800	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	95502	18.900	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	69046	18.227	ug/l	84
28) Bromochloromethane	7.818	49	62127	19.748	ug/l #	74
29) Tetrahydrofuran	7.841	42	124015	79.501	ug/l #	77
30) Chloroform	7.971	83	123309	18.458	ug/l	97
31) Cyclohexane	8.259	56	97850	16.837	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	105284	18.727	ug/l	94
36) 1,1-Dichloropropene	8.377	75	88367	18.124	ug/l	94
37) Ethyl Acetate	7.565	43	82764	17.060	ug/l #	89
38) Carbon Tetrachloride	8.371	117	87492	17.925	ug/l	99
39) Methylcyclohexane	9.606	83	78066	16.665	ug/l #	84
40) Benzene	8.612	78	268683	18.556	ug/l	99

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41) Methacrylonitrile	7.777	41	44794	17.563	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	96383	18.319	ug/l	97
43) Isopropyl Acetate	8.694	43	130379	15.340	ug/l #	91
44) Trichloroethene	9.359	130	63331	18.583	ug/l	94
45) 1,2-Dichloropropane	9.624	63	71829	18.828	ug/l	99
46) Dibromomethane	9.712	93	46779	18.932	ug/l	94
47) Bromodichloromethane	9.894	83	97398	19.163	ug/l	99
48) Methyl methacrylate	9.682	41	60561	16.628	ug/l #	82
49) 1,4-Dioxane	9.700	88	20405	304.155	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	413386	86.159	ug/l	89
52) Toluene	10.635	92	160512	18.832	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	92477	18.055	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	100745	17.967	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	66177	19.340	ug/l	97
56) Ethyl methacrylate	10.876	69	84547	17.981	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	112530	19.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	183198	101.736	ug/l	90
59) 2-Hexanone	11.200	43	297083	85.807	ug/l	87
60) Dibromochloromethane	11.365	129	67736	19.696	ug/l	99
61) 1,2-Dibromoethane	11.471	107	63506	18.701	ug/l	94
64) Tetrachloroethene	11.106	164	48830	17.509	ug/l	96
65) Chlorobenzene	11.894	112	164819	18.256	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	62140	18.798	ug/l	97
67) Ethyl Benzene	11.965	91	290291	18.499	ug/l	95
68) m/p-Xylenes	12.076	106	218787	38.372	ug/l	96
69) o-Xylene	12.400	106	102013	18.193	ug/l	93
70) Styrene	12.412	104	167014	18.857	ug/l	96
71) Bromoform	12.576	173	42716	17.656	ug/l #	99
73) Isopropylbenzene	12.700	105	260732	17.168	ug/l	100
74) N-amyl acetate	12.500	43	96030	15.424	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	93810	18.369	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	78527m	16.684	ug/l	
77) Bromobenzene	12.982	156	62770	16.856	ug/l	96
78) n-propylbenzene	13.041	91	304394	17.715	ug/l	98
79) 2-Chlorotoluene	13.129	91	190781	17.351	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	220150	18.383	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	24202	14.920	ug/l #	83
82) 4-Chlorotoluene	13.223	91	183268	17.516	ug/l	99
83) tert-Butylbenzene	13.441	119	173820	17.715	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	212332	18.578	ug/l	100
85) sec-Butylbenzene	13.617	105	244344	17.854	ug/l	100
86) p-Isopropyltoluene	13.729	119	193152	18.397	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	105965	17.941	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	104033	17.058	ug/l	99
89) n-Butylbenzene	14.059	91	145460	17.350	ug/l	97
90) Hexachloroethane	14.335	117	40148	18.170	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	103155	17.905	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13549	15.428	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	24934	13.974	ug/l	97
94) Hexachlorobutadiene	15.506	225	23381	16.824	ug/l	97
95) Naphthalene	15.647	128	61572	11.300	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	29507	13.858	ug/l	98

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

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