

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079268.D
 Acq On : 15 Sep 2023 13:32
 Operator : JC\MD
 Sample : VN0915WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

Quant Time: Sep 16 01:39:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/18/2023
 Supervised By : Mahesh Dadoda 09/18/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	220383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	381055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	343265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	166518	55.973	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.940%			
35) Dibromofluoromethane	8.171	113	131681	51.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.900%			
50) Toluene-d8	10.571	98	489188	52.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.853	95	155803	52.481	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	43206	19.814	ug/l	97
3) Chloromethane	2.365	50	55723	19.466	ug/l	92
4) Vinyl Chloride	2.518	62	60010	19.240	ug/l	99
5) Bromomethane	2.953	94	34437	19.208	ug/l	96
6) Chloroethane	3.124	64	37905	18.384	ug/l	96
7) Trichlorofluoromethane	3.500	101	74608	16.335	ug/l	98
8) Diethyl Ether	3.965	74	28017	17.673	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	42917	17.669	ug/l	99
10) Methyl Iodide	4.589	142	41006	20.638	ug/l	98
11) Tert butyl alcohol	5.530	59	42044	76.549	ug/l	99
12) 1,1-Dichloroethene	4.336	96	39331	16.733	ug/l	89
13) Acrolein	4.183	56	43175	82.408	ug/l	94
14) Allyl chloride	5.024	41	64771	17.274	ug/l #	90
15) Acrylonitrile	5.724	53	122104	85.737	ug/l	99
16) Acetone	4.430	43	125727	99.508	ug/l	94
17) Carbon Disulfide	4.712	76	102709	13.981	ug/l	100
18) Methyl Acetate	5.030	43	92825	17.876	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	143270	17.773	ug/l	94
20) Methylene Chloride	5.277	84	52450	17.059	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	43551	15.972	ug/l #	76
22) Diisopropyl ether	6.677	45	158241	19.234	ug/l #	88
23) Vinyl Acetate	6.606	43	459739	90.853	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	92865	18.311	ug/l	96
25) 2-Butanone	7.488	43	165774	90.428	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	75815	18.217	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	53811	17.259	ug/l	87
28) Bromochloromethane	7.818	49	40928	17.849	ug/l #	78
29) Tetrahydrofuran	7.847	42	106470	91.264	ug/l #	76
30) Chloroform	7.971	83	92126	17.447	ug/l	94
31) Cyclohexane	8.259	56	74580	17.169	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	79500	17.662	ug/l	96
36) 1,1-Dichloropropene	8.377	75	67260	17.216	ug/l	96
37) Ethyl Acetate	7.571	43	68410	17.555	ug/l #	90
38) Carbon Tetrachloride	8.371	117	66936	16.556	ug/l	95
39) Methylcyclohexane	9.606	83	67095	17.410	ug/l #	84
40) Benzene	8.612	78	202027	16.892	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35989	18.317	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	73252	17.791	ug/l	97
43) Isopropyl Acetate	8.694	43	109648	17.244	ug/l #	91
44) Trichloroethene	9.359	130	47362	16.075	ug/l	97
45) 1,2-Dichloropropane	9.629	63	53661	18.078	ug/l	98
46) Dibromomethane	9.712	93	34641	17.192	ug/l	92
47) Bromodichloromethane	9.894	83	71113	17.231	ug/l #	97
48) Methyl methacrylate	9.688	41	50500	17.731	ug/l #	81
49) 1,4-Dioxane	9.694	88	18498	315.773	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	337965	91.563	ug/l	89
52) Toluene	10.635	92	124709	16.967	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	74901	17.212	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	84327	18.117	ug/l #	90
55) 1,1,2-Trichloroethane	11.023	97	49092	17.022	ug/l	97
56) Ethyl methacrylate	10.876	69	71302	17.514	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	85880	17.225	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	128071	80.792	ug/l	89
59) 2-Hexanone	11.200	43	243405	91.047	ug/l	87
60) Dibromochloromethane	11.359	129	49794	16.223	ug/l	99
61) 1,2-Dibromoethane	11.470	107	47833	16.619	ug/l	99
64) Tetrachloroethene	11.106	164	39934	15.955	ug/l	97
65) Chlorobenzene	11.894	112	128607	16.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	48088	16.491	ug/l	97
67) Ethyl Benzene	11.970	91	234716	17.646	ug/l	95
68) m/p-Xylenes	12.076	106	170926	34.476	ug/l	94
69) o-Xylene	12.400	106	82492	17.349	ug/l	88
70) Styrene	12.417	104	134515	17.590	ug/l	98
71) Bromoform	12.582	173	31736	14.742	ug/l #	100
73) Isopropylbenzene	12.700	105	221348	17.578	ug/l	99
74) N-amyl acetate	12.500	43	82872	17.346	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	72892	15.545	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	63959m	17.146	ug/l	
77) Bromobenzene	12.988	156	49104	15.400	ug/l	95
78) n-propylbenzene	13.041	91	254159	17.967	ug/l	98
79) 2-Chlorotoluene	13.129	91	155307	16.786	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	182993	17.440	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	20868	15.380	ug/l	86
82) 4-Chlorotoluene	13.229	91	143974	16.561	ug/l	100
83) tert-Butylbenzene	13.441	119	152972	17.623	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	182942	18.307	ug/l	99
85) sec-Butylbenzene	13.623	105	208927	17.483	ug/l	99
86) p-Isopropyltoluene	13.735	119	172578	18.076	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	85151	16.282	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	82017	15.520	ug/l	99
89) n-Butylbenzene	14.059	91	140441	18.706	ug/l	98
90) Hexachloroethane	14.335	117	32901	16.970	ug/l	96
91) 1,2-Dichlorobenzene	14.111	146	84589	16.384	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11943	16.754	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	29755	16.038	ug/l	99
94) Hexachlorobutadiene	15.506	225	19117	13.098	ug/l	99
95) Naphthalene	15.647	128	79914	14.502	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	33233	15.185	ug/l	99

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

