

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084923.D
 Acq On : 18 Nov 2024 16:28
 Operator : JC\MD
 Sample : VN1118WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Quant Time: Nov 19 00:29:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2024
 Supervised By : Mahesh Dadoda 11/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	187181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	326112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129063	47.739	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.480%		
35) Dibromofluoromethane	8.165	113	104415	47.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.600%		
50) Toluene-d8	10.565	98	374741	46.086	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.180%		
62) 4-Bromofluorobenzene	12.847	95	151304	49.789	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37472	17.414	ug/l	94
3) Chloromethane	2.359	50	42149	14.925	ug/l	99
4) Vinyl Chloride	2.512	62	42163	18.218	ug/l	98
5) Bromomethane	2.901	94	20936	17.073	ug/l	97
6) Chloroethane	3.065	64	26707	17.742	ug/l	97
7) Trichlorofluoromethane	3.471	101	70321	18.445	ug/l	99
8) Diethyl Ether	3.954	74	26468	19.681	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.353	101	40137	18.632	ug/l	98
10) Methyl Iodide	4.577	142	54625	18.973	ug/l	99
11) Tert butyl alcohol	5.536	59	32341	90.627	ug/l	99
12) 1,1-Dichloroethene	4.330	96	38539	18.080	ug/l	97
13) Acrolein	4.177	56	30647	86.124	ug/l	99
14) Allyl chloride	5.018	41	64715	18.720	ug/l	94
15) Acrylonitrile	5.718	53	95898	92.827	ug/l	99
16) Acetone	4.424	43	81440	102.602	ug/l	97
17) Carbon Disulfide	4.701	76	99630	15.177	ug/l	98
18) Methyl Acetate	5.024	43	53052	15.872	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	130619	19.992	ug/l	99
20) Methylene Chloride	5.271	84	43518	18.302	ug/l	85
21) trans-1,2-Dichloroethene	5.777	96	38290	17.494	ug/l	89
22) Diisopropyl ether	6.665	45	135287	19.695	ug/l	97
23) Vinyl Acetate	6.600	43	477387	100.780	ug/l	100
24) 1,1-Dichloroethane	6.559	63	78396	19.010	ug/l	98
25) 2-Butanone	7.483	43	126423	100.234	ug/l	100
26) 2,2-Dichloropropane	7.483	77	70505	19.643	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	48067	18.807	ug/l	98
28) Bromochloromethane	7.812	49	33469	20.370	ug/l	98
29) Tetrahydrofuran	7.841	42	79703	95.253	ug/l	98
30) Chloroform	7.965	83	79646	18.975	ug/l	97
31) Cyclohexane	8.253	56	69104	18.514	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	74270	19.440	ug/l	92
36) 1,1-Dichloropropene	8.365	75	52608	17.184	ug/l	96
37) Ethyl Acetate	7.559	43	52353	18.849	ug/l	97
38) Carbon Tetrachloride	8.359	117	63324	18.506	ug/l	95
39) Methylcyclohexane	9.600	83	58539	18.796	ug/l	98
40) Benzene	8.606	78	175539	17.855	ug/l	99

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41) Methacrylonitrile	7.777	41	29404	19.686	ug/l	98
42) 1,2-Dichloroethane	8.671	62	59188	18.589	ug/l	97
43) Isopropyl Acetate	8.688	43	129839	24.817	ug/l #	90
44) Trichloroethene	9.347	130	39583	17.458	ug/l	100
45) 1,2-Dichloropropane	9.624	63	43179	18.722	ug/l	98
46) Dibromomethane	9.706	93	30267	18.599	ug/l	98
47) Bromodichloromethane	9.883	83	62023	18.080	ug/l #	97
48) Methyl methacrylate	9.683	41	42237	19.539	ug/l	97
49) 1,4-Dioxane	9.694	88	14768	385.520	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	265390	100.229	ug/l	100
52) Toluene	10.630	92	108899	18.939	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	63548	17.896	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	69720	18.551	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	40920	18.893	ug/l	93
56) Ethyl methacrylate	10.871	69	64476	20.580	ug/l	98
57) 1,3-Dichloropropane	11.159	76	69437	18.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	124292	84.783	ug/l	96
59) 2-Hexanone	11.194	43	196552	101.982	ug/l	99
60) Dibromochloromethane	11.359	129	46369	18.784	ug/l	98
61) 1,2-Dibromoethane	11.465	107	40487	18.254	ug/l	98
64) Tetrachloroethene	11.100	164	32973	17.081	ug/l	96
65) Chlorobenzene	11.888	112	114669	17.661	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	41227	18.255	ug/l	99
67) Ethyl Benzene	11.965	91	202751	18.708	ug/l	98
68) m/p-Xylenes	12.071	106	152162	37.085	ug/l	99
69) o-Xylene	12.394	106	76195	19.851	ug/l	100
70) Styrene	12.406	104	125793	18.787	ug/l	99
71) Bromoform	12.576	173	29749	17.506	ug/l #	96
73) Isopropylbenzene	12.694	105	195137	19.194	ug/l	99
74) N-amyl acetate	12.494	43	83814	19.370	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	59576	17.556	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	49491m	17.066	ug/l	
77) Bromobenzene	12.976	156	46633	17.063	ug/l	95
78) n-propylbenzene	13.035	91	217956	18.295	ug/l	99
79) 2-Chlorotoluene	13.124	91	143719	18.463	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	162239	19.254	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19238	15.738	ug/l	93
82) 4-Chlorotoluene	13.218	91	140794	17.186	ug/l	98
83) tert-Butylbenzene	13.435	119	137903	19.775	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	167231	19.230	ug/l	97
85) sec-Butylbenzene	13.612	105	189337	19.221	ug/l	100
86) p-Isopropyltoluene	13.729	119	159203	19.706	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83465	15.648	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	84967	16.636	ug/l	100
89) n-Butylbenzene	14.053	91	130915	17.324	ug/l	99
90) Hexachloroethane	14.329	117	29539	16.396	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	85875	16.755	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10902	15.858	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	41282	14.715	ug/l	99
94) Hexachlorobutadiene	15.494	225	18627	15.120	ug/l	96
95) Naphthalene	15.635	128	148636	17.701	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	40693	14.943	ug/l	98

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

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