Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141141.D
Acq On : 14 Jan 2025 13:12
Operator : RC/JU
Sample : P1187-09
Misc : MDL-MDL-WATER 8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

Quant Time: Jan 14 13:46:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	165335	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	639873	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	349273	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	595899	20.000	ng		0.00
76) Chrysene-d12	13.980	240	350188	20.000	ng		0.00
86) Perylene-d12	15.439	264	329345	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1157564	108.157	ng		0.00
7) Phenol-d6	6.445	99	1540346	113.619	ng		0.00
23) Nitrobenzene-d5	7.381	82	1026893	85.070	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	504292	126.715	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1859885	81.315	ng		0.00
79) Terphenyl-d14	12.933	244	1937853	82.248	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	37784	7.928	ng		99
3) Pyridine	3.304	79	88071	7.535	ng		97
4) n-Nitrosodimethylamine	3.204	42	44644	7.812	ng		100
6) Aniline	6.481	93	129335	10.745	ng		99
8) 2-Chlorophenol	6.604	128	97146	8.460	ng		97
9) Benzaldehyde	6.369	77	79111	9.908	ng		97
10) Phenol	6.457	94	123873	8.536	ng	#	78
11) bis(2-Chloroethyl)ether	6.557	93	92601	8.562	ng		97
12) 1,3-Dichlorobenzene	6.757	146	103902	8.113	ng		98
13) 1,4-Dichlorobenzene	6.840	146	105503	8.175	ng		99
14) 1,2-Dichlorobenzene	6.992	146	99913	8.300	ng		99
15) Benzyl Alcohol	6.957	79	95156	9.719	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.092	45	129897	8.607	ng		98
17) 2-Methylphenol	7.063	107	77520	8.362	ng		98
18) Hexachloroethane	7.334	117	37796	8.099	ng		96
19) n-Nitroso-di-n-propyla...	7.228	70	71442	8.946	ng		98
20) 3+4-Methylphenols	7.216	107	103818	8.877	ng	#	88
22) Acetophenone	7.222	105	146773	9.649	ng		97
24) Nitrobenzene	7.398	77	108250	8.604	ng		99
25) Isophorone	7.634	82	188440	9.135	ng		100
26) 2-Nitrophenol	7.716	139	48604	8.493	ng		96
27) 2,4-Dimethylphenol	7.745	122	52601	6.814	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	114607	8.852	ng		98
29) 2,4-Dichlorophenol	7.951	162	81738	8.916	ng		98
30) 1,2,4-Trichlorobenzene	8.039	180	91085	8.692	ng		99
31) Naphthalene	8.122	128	299901	8.887	ng		99
32) Benzoic acid	7.810	122	46374	6.263	ng		98
33) 4-Chloroaniline	8.169	127	113859	9.757	ng		99
34) Hexachlorobutadiene	8.239	225	52192	8.266	ng		99
35) Caprolactam	8.498	113	24835	8.274	ng		97
36) 4-Chloro-3-methylphenol	8.639	107	89732	8.950	ng		98
37) 2-Methylnaphthalene	8.810	142	195628	9.098	ng		100
38) 1-Methylnaphthalene	8.910	142	180761	8.530	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	93396	9.316	ng		99
41) Hexachlorocyclopentadiene	8.969	237	23863	7.276	ng		98
43) 2,4,6-Trichlorophenol	9.086	196	56595	8.371	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	61616	8.629	ng		99
46) 1,1'-Biphenyl	9.275	154	255573	9.422	ng		99
47) 2-Chloronaphthalene	9.304	162	184288	8.723	ng		98
48) 2-Nitroaniline	9.392	65	51296	8.191	ng		99
49) Acenaphthylene	9.716	152	291650	9.663	ng		100
50) Dimethylphthalate	9.575	163	212364	9.057	ng		100
51) 2,6-Dinitrotoluene	9.633	165	45153	8.281	ng		97
52) Acenaphthene	9.886	154	186076	8.824	ng		100
53) 3-Nitroaniline	9.798	138	47789	8.624	ng		96
54) 2,4-Dinitrophenol	9.904	184	13924	5.372	ng	#	1
55) Dibenzofuran	10.057	168	260431	9.079	ng		99
56) 4-Nitrophenol	9.951	139	34056	7.848	ng		97
57) 2,4-Dinitrotoluene	10.033	165	59285	8.437	ng		98
58) Fluorene	10.404	166	202681	9.095	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	51316	8.646	ng		98
60) Diethylphthalate	10.275	149	201867	8.819	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	99605	9.171	ng		99
62) 4-Nitroaniline	10.410	138	43719	8.061	ng		98
63) Azobenzene	10.557	77	199881	8.849	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	24967	7.230	ng		98
66) n-Nitrosodiphenylamine	10.516	169	175347	9.123	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	60045	8.752	ng		98
68) Hexachlorobenzene	10.951	284	67659	8.859	ng		98
69) Atrazine	11.039	200	57166	11.046	ng		99
70) Pentachlorophenol	11.139	266	36992	7.564	ng		99
71) Phenanthrene	11.363	178	301766	9.433	ng		98
72) Anthracene	11.416	178	288412	9.272	ng		99
73) Carbazole	11.569	167	253996	8.905	ng		99
74) Di-n-butylphthalate	11.904	149	301665	9.241	ng		99
75) Fluoranthene	12.551	202	292865	9.174	ng		98
77) Benzidine	12.674	184	59162	9.110	ng		97
78) Pyrene	12.780	202	299665	8.959	ng		99
80) Butylbenzylphthalate	13.404	149	95923	8.602	ng		98
81) Benzo(a)anthracene	13.968	228	208634	8.754	ng		100
82) 3,3'-Dichlorobenzidine	13.933	252	63289	8.340	ng		97
83) Chrysene	14.004	228	199910	8.965	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	118070	8.824	ng		100
85) Di-n-octyl phthalate	14.586	149	155873	7.714	ng		98
87) Indeno(1,2,3-cd)pyrene	16.880	276	211725	8.775	ng		97
88) Benzo(b)fluoranthene	15.015	252	182257	8.582	ng		99
89) Benzo(k)fluoranthene	15.039	252	163667	9.119	ng		98
90) Benzo(a)pyrene	15.374	252	157128	8.968	ng		98
91) Dibenzo(a,h)anthracene	16.904	278	168166	8.617	ng		98
92) Benzo(g,h,i)perylene	17.315	276	169540	8.352	ng		97

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

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