Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
Data File : BF141132.D
Acq On : 13 Jan 2025 17:55
Operator : RC/JU
Sample : P1187-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 14 08:52:01 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

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	146995	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	576810	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	312019	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	538919	20.000	ng		0.00
76) Chrysene-d12	13.980	240	337083	20.000	ng		0.00
86) Perylene-d12	15.439	264	302362	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1034545	108.723	ng		0.00
7) Phenol-d6	6.445	99	1379106	114.417	ng		0.00
23) Nitrobenzene-d5	7.381	82	908380	83.479	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	454817	127.928	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1682562	82.346	ng		0.00
79) Terphenyl-d14	12.933	244	1811406	79.871	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	33882	7.996	ng		99
3) Pyridine	3.304	79	78954	7.598	ng		97
4) n-Nitrosodimethylamine	3.204	42	40128	7.898	ng	#	99
6) Aniline	6.481	93	116436	10.880	ng		99
8) 2-Chlorophenol	6.604	128	87818	8.602	ng		99
9) Benzaldehyde	6.369	77	70391	9.916	ng		97
10) Phenol	6.457	94	111122	8.612	ng		87
11) bis(2-Chloroethyl)ether	6.557	93	80786	8.401	ng		97
12) 1,3-Dichlorobenzene	6.757	146	91492	8.035	ng		99
13) 1,4-Dichlorobenzene	6.839	146	94121	8.203	ng		99
14) 1,2-Dichlorobenzene	6.992	146	88049	8.227	ng		98
15) Benzyl Alcohol	6.951	79	86846	9.977	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	115071	8.576	ng		99
17) 2-Methylphenol	7.063	107	68198	8.274	ng		98
18) Hexachloroethane	7.334	117	33089	7.975	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	62469	8.798	ng		97
20) 3+4-Methylphenols	7.216	107	90074	8.662	ng	#	82
22) Acetophenone	7.222	105	131191	9.567	ng		99
24) Nitrobenzene	7.398	77	97532	8.600	ng		99
25) Isophorone	7.633	82	169380	9.108	ng		99
26) 2-Nitrophenol	7.716	139	43354	8.404	ng		99
27) 2,4-Dimethylphenol	7.745	122	48652	6.992	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	101035	8.657	ng		99
29) 2,4-Dichlorophenol	7.951	162	72160	8.732	ng		98
30) 1,2,4-Trichlorobenzene	8.039	180	80860	8.560	ng		100
31) Naphthalene	8.122	128	267913	8.808	ng		99
32) Benzoic acid	7.804	122	42686	6.395	ng		99
33) 4-Chloroaniline	8.169	127	100816	9.583	ng		99
34) Hexachlorobutadiene	8.239	225	46560	8.180	ng		99
35) Caprolactam	8.498	113	22101	8.168	ng		93
36) 4-Chloro-3-methylphenol	8.639	107	78640	8.701	ng		98
37) 2-Methylnaphthalene	8.810	142	176697	9.116	ng		97
38) 1-Methylnaphthalene	8.910	142	162461	8.504	ng		100
40) 1,2,4,5-Tetrachloroben...	8.980	216	83045	9.273	ng		99
41) Hexachlorocyclopentadiene	8.969	237	22629	7.723	ng		96
43) 2,4,6-Trichlorophenol	9.086	196	51446	8.518	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.122	196	54462	8.538	ng		97
46)	1,1'-Biphenyl	9.275	154	230236	9.502	ng		99
47)	2-Chloronaphthalene	9.304	162	164428	8.712	ng		98
48)	2-Nitroaniline	9.392	65	46731	8.353	ng		98
49)	Acenaphthylene	9.716	152	257372	9.545	ng		99
50)	Dimethylphthalate	9.575	163	190868	9.112	ng		99
51)	2,6-Dinitrotoluene	9.633	165	39535	8.116	ng		95
52)	Acenaphthene	9.886	154	166122	8.818	ng		100
53)	3-Nitroaniline	9.798	138	43177	8.722	ng		96
54)	2,4-Dinitrophenol	9.904	184	12321	5.321	ng	#	1
55)	Dibenzofuran	10.057	168	233741	9.122	ng		100
56)	4-Nitrophenol	9.951	139	31182	8.043	ng		98
57)	2,4-Dinitrotoluene	10.033	165	53015	8.445	ng		99
58)	Fluorene	10.404	166	182357	9.160	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.175	232	48407m	9.129	ng		
60)	Diethylphthalate	10.275	149	183293	8.963	ng		99
61)	4-Chlorophenyl-phenyle...	10.398	204	88221	9.092	ng		100
62)	4-Nitroaniline	10.404	138	40547	8.369	ng		100
63)	Azobenzene	10.557	77	181104	8.975	ng		99
65)	4,6-Dinitro-2-methylph...	10.439	198	21766	6.970	ng		95
66)	n-Nitrosodiphenylamine	10.516	169	156683	9.014	ng		99
67)	4-Bromophenyl-phenylether	10.886	248	54673	8.812	ng		98
68)	Hexachlorobenzene	10.951	284	59670	8.639	ng		100
69)	Atrazine	11.039	200	49789	10.638	ng		99
70)	Pentachlorophenol	11.139	266	33929	7.671	ng		98
71)	Phenanthrene	11.363	178	271863	9.396	ng		99
72)	Anthracene	11.416	178	261881	9.309	ng		98
73)	Carbazole	11.569	167	230721	8.944	ng		100
74)	Di-n-butylphthalate	11.910	149	273982	9.281	ng		99
75)	Fluoranthene	12.551	202	264948	9.177	ng		99
77)	Benzidine	12.674	184	60279	9.643	ng		96
78)	Pyrene	12.780	202	275683	8.563	ng		98
80)	Butylbenzylphthalate	13.410	149	88290	8.225	ng		97
81)	Benzo(a)anthracene	13.968	228	199283	8.687	ng		99
82)	3,3'-Dichlorobenzidine	13.933	252	60250	8.248	ng		99
83)	Chrysene	14.004	228	191738	8.933	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.968	149	113451	8.809	ng		99
85)	Di-n-octyl phthalate	14.586	149	153691	7.902	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.886	276	188939	8.529	ng		98
88)	Benzo(b)fluoranthene	15.015	252	154145	7.906	ng		99
89)	Benzo(k)fluoranthene	15.045	252	168346	10.217	ng		98
90)	Benzo(a)pyrene	15.380	252	145502	9.045	ng		99
91)	Dibenzo(a,h)anthracene	16.903	278	150593	8.405	ng		97
92)	Benzo(g,h,i)perylene	17.321	276	152258	8.170	ng		98

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

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