Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141082.D
Acq On : 08 Jan 2025 14:24
Operator : RC/JU
Sample : PB165980BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165980BS

Quant Time: Jan 08 14:47:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	248006	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	999479	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	543557	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	896658	20.000	ng		0.00
76) Chrysene-d12	13.992	240	491752	20.000	ng		0.00
86) Perylene-d12	15.457	264	504311	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1763713	107.198	ng		0.02
7) Phenol-d6	6.457	99	2245179	105.931	ng		0.00
23) Nitrobenzene-d5	7.393	82	1443694	92.413	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	701365	132.790	ng		0.00
45) 2-Fluorobiphenyl	9.187	172	2551401	74.785	ng		0.00
79) Terphenyl-d14	12.939	244	2673691	90.310	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	251072	33.707	ng		98
3) Pyridine	3.399	79	669569	36.782	ng		98
4) n-Nitrosodimethylamine	3.346	42	354575	38.443	ng		99
6) Aniline	6.493	93	685710	36.276	ng		100
8) 2-Chlorophenol	6.610	128	741319	42.736	ng		97
9) Benzaldehyde	6.375	77	105379	2.389	ng		98
10) Phenol	6.469	94	903901	41.244	ng		94
11) bis(2-Chloroethyl)ether	6.563	93	689028	38.937	ng		98
12) 1,3-Dichlorobenzene	6.769	146	752191	39.292	ng		100
13) 1,4-Dichlorobenzene	6.845	146	762874	39.530	ng		100
14) 1,2-Dichlorobenzene	6.998	146	734798	40.837	ng		99
15) Benzyl Alcohol	6.969	79	634533	41.662	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1041894	38.933	ng		98
17) 2-Methylphenol	7.081	107	598674	41.543	ng		99
18) Hexachloroethane	7.340	117	283149	41.303	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	506805	39.031	ng		98
20) 3+4-Methylphenols	7.234	107	718653	39.407	ng	#	84
22) Acetophenone	7.240	105	944548	38.524	ng		98
24) Nitrobenzene	7.410	77	765192	43.835	ng		98
25) Isophorone	7.651	82	1383857	40.708	ng		100
26) 2-Nitrophenol	7.728	139	371864	51.542	ng		98
27) 2,4-Dimethylphenol	7.763	122	594795	47.874	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	841546	39.072	ng		100
29) 2,4-Dichlorophenol	7.963	162	596474	42.331	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	621440	38.965	ng		99
31) Naphthalene	8.134	128	2070982	39.323	ng		100
32) Benzoic acid	7.881	122	474468	46.661	ng		96
33) 4-Chloroaniline	8.175	127	238360	12.510	ng		98
34) Hexachlorobutadiene	8.251	225	377955	40.199	ng		99
35) Caprolactam	8.545	113	201658m	42.098	ng		
36) 4-Chloro-3-methylphenol	8.657	107	648909	41.468	ng		100
37) 2-Methylnaphthalene	8.822	142	1353258	40.165	ng		100
38) 1-Methylnaphthalene	8.922	142	1257409	37.974	ng		99
40) 1,2,4,5-Tetrachloroben...	8.987	216	610608	40.833	ng		98
41) Hexachlorocyclopentadiene	8.975	237	779266	157.251	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	428216	43.025	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	444941	43.693	ng		97
46) 1,1'-Biphenyl	9.287	154	1641160	39.432	ng		99
47) 2-Chloronaphthalene	9.310	162	1254674	38.870	ng		100
48) 2-Nitroaniline	9.404	65	399015	47.324	ng		93
49) Acenaphthylene	9.728	152	1959643	42.173	ng		100
50) Dimethylphthalate	9.586	163	1476243	41.290	ng		100
51) 2,6-Dinitrotoluene	9.645	165	336529	46.295	ng		97
52) Acenaphthene	9.898	154	1424013	45.330	ng		99
53) 3-Nitroaniline	9.810	138	184436	24.943	ng	#	95
54) 2,4-Dinitrophenol	9.922	184	353898	105.926	ng	#	1
55) Dibenzofuran	10.069	168	1768876	40.067	ng		99
56) 4-Nitrophenol	9.975	139	572978	93.687	ng		95
57) 2,4-Dinitrotoluene	10.051	165	451984	50.408	ng		96
58) Fluorene	10.416	166	1339619	39.131	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	391701	46.444	ng		97
60) Diethylphthalate	10.286	149	1440997	40.825	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	665308	40.388	ng		99
62) 4-Nitroaniline	10.428	138	339953	43.269	ng		95
63) Azobenzene	10.569	77	1469806	39.673	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	240643	63.552	ng		96
66) n-Nitrosodiphenylamine	10.528	169	1225811	43.414	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	435662	44.946	ng		97
68) Hexachlorobenzene	10.963	284	474939	44.436	ng		98
69) Atrazine	11.051	200	416462	52.796	ng		99
70) Pentachlorophenol	11.151	266	595655	89.512	ng		99
71) Phenanthrene	11.375	178	2010659	42.606	ng		100
72) Anthracene	11.428	178	2066698	44.693	ng		100
73) Carbazole	11.580	167	1769781	39.812	ng		100
74) Di-n-butylphthalate	11.916	149	2095270	41.440	ng		100
75) Fluoranthene	12.563	202	1959376	38.282	ng		98
77) Benzidine	12.680	184	467216	44.956	ng		99
78) Pyrene	12.792	202	1955469	45.468	ng		100
80) Butylbenzylphthalate	13.410	149	703267	44.782	ng		99
81) Benzo(a)anthracene	13.980	228	1354504	39.522	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	259158	25.168	ng		98
83) Chrysene	14.016	228	1284166	41.565	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	815820	40.049	ng		99
85) Di-n-octyl phthalate	14.598	149	1276956	43.311	ng		97
87) Indeno(1,2,3-cd)pyrene	16.921	276	1620997	51.019	ng		97
88) Benzo(b)fluoranthene	15.033	252	1358925	38.636	ng		99
89) Benzo(k)fluoranthene	15.063	252	1118450	40.572	ng		99
90) Benzo(a)pyrene	15.398	252	1207812	44.242	ng		99
91) Dibenzo(a,h)anthracene	16.939	278	1305713	50.697	ng		99
92) Benzo(g,h,i)perylene	17.362	276	1244717	46.596	ng		98

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

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