Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141147.D
Acq On : 14 Jan 2025 15:55
Operator : RC/JU
Sample : PB166045BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166045BS

Quant Time: Jan 14 16:51:18 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	6.816	152	131299	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	520469	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	278209	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	481266	20.000	ng		0.00
76) Chrysene-d12	13.986	240	303765	20.000	ng		0.00
86) Perylene-d12	15.445	264	266784	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1151175	135.442	ng		0.01
7) Phenol-d6	6.445	99	1430582	132.876	ng		0.00
23) Nitrobenzene-d5	7.381	82	927439	94.457	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	493898	155.803	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1741217	95.573	ng		0.00
79) Terphenyl-d14	12.933	244	2054600	100.530	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	165606	43.754	ng		97
3) Pyridine	3.369	79	422648	45.536	ng		97
4) n-Nitrosodimethylamine	3.316	42	223387	49.223	ng		100
6) Aniline	6.481	93	400883	41.939	ng		99
8) 2-Chlorophenol	6.598	128	467200	51.235	ng		98
9) Benzaldehyde	6.363	77	58241	9.185	ng		98
10) Phenol	6.457	94	567403	49.233	ng		95
11) bis(2-Chloroethyl)ether	6.557	93	434612	50.601	ng		96
12) 1,3-Dichlorobenzene	6.757	146	488802	48.062	ng		99
13) 1,4-Dichlorobenzene	6.840	146	496090	48.405	ng		99
14) 1,2-Dichlorobenzene	6.987	146	469871	49.150	ng		99
15) Benzyl Alcohol	6.963	79	392273	50.452	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.093	45	582940	48.638	ng		97
17) 2-Methylphenol	7.069	107	381866	51.870	ng		99
18) Hexachloroethane	7.334	117	183918	49.624	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	316422	49.893	ng		98
20) 3+4-Methylphenols	7.222	107	466264	50.201	ng		90
22) Acetophenone	7.228	105	617703	49.924	ng	#	97
24) Nitrobenzene	7.404	77	484955	47.391	ng		99
25) Isophorone	7.640	82	855738	50.999	ng		99
26) 2-Nitrophenol	7.716	139	242423	52.079	ng		97
27) 2,4-Dimethylphenol	7.751	122	383554	61.088	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	523261	49.690	ng		99
29) 2,4-Dichlorophenol	7.957	162	384707	51.590	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	403986	47.396	ng		99
31) Naphthalene	8.122	128	1342040	48.895	ng		100
32) Benzoic acid	7.869	122	280779	46.617	ng		100
33) 4-Chloroaniline	8.169	127	202951	21.381	ng		99
34) Hexachlorobutadiene	8.239	225	252591	49.180	ng		98
35) Caprolactam	8.534	113	123182m	50.456	ng		
36) 4-Chloro-3-methylphenol	8.651	107	421999	51.745	ng		99
37) 2-Methylnaphthalene	8.816	142	882691	50.467	ng		99
38) 1-Methylnaphthalene	8.916	142	817580	47.431	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	398475	49.902	ng		99
41) Hexachlorocyclopentadiene	8.969	237	512860	196.313	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	279558	51.909	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	292413	51.411	ng	99
46) 1,1'-Biphenyl	9.281	154	1079351	49.957	ng	99
47) 2-Chloronaphthalene	9.304	162	818198	48.621	ng	100
48) 2-Nitroaniline	9.398	65	260281	52.177	ng	99
49) Acenaphthylene	9.722	152	1286866	53.525	ng	100
50) Dimethylphthalate	9.586	163	969562	51.911	ng	100
51) 2,6-Dinitrotoluene	9.645	165	219144	50.455	ng	99
52) Acenaphthene	9.892	154	948203	56.450	ng	99
53) 3-Nitroaniline	9.810	138	136496	30.925	ng	97
54) 2,4-Dinitrophenol	9.916	184	231013	111.900	ng	97
55) Dibenzofuran	10.069	168	1166441	51.053	ng	99
56) 4-Nitrophenol	9.969	139	374444	108.325	ng	96
57) 2,4-Dinitrotoluene	10.045	165	303025	54.137	ng	98
58) Fluorene	10.410	166	895535	50.452	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	262466	55.516	ng	99
60) Diethylphthalate	10.286	149	957635	52.520	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	444153	51.340	ng	97
62) 4-Nitroaniline	10.422	138	217728	50.401	ng	96
63) Azobenzene	10.563	77	929758	51.677	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	159638	57.243	ng	99
66) n-Nitrosodiphenylamine	10.522	169	806997	51.987	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	294884	53.220	ng	99
68) Hexachlorobenzene	10.957	284	322687	52.317	ng	98
69) Atrazine	11.045	200	280688	67.155	ng	99
70) Pentachlorophenol	11.145	266	411255	104.116	ng	99
71) Phenanthrene	11.369	178	1387297	53.693	ng	99
72) Anthracene	11.422	178	1409689	56.111	ng	99
73) Carbazole	11.575	167	1231824	53.473	ng	100
74) Di-n-butylphthalate	11.910	149	1454660	55.178	ng	100
75) Fluoranthene	12.557	202	1422286	55.163	ng	99
77) Benzidine	12.680	184	275651	48.934	ng	99
78) Pyrene	12.786	202	1436875	49.524	ng	100
80) Butylbenzylphthalate	13.410	149	538862	55.706	ng	99
81) Benzo(a)anthracene	13.974	228	1040498	50.331	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	205127	31.162	ng	100
83) Chrysene	14.010	228	999197	51.655	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	664287	57.234	ng	100
85) Di-n-octyl phthalate	14.592	149	963571	54.977	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1045789	53.506	ng	98
88) Benzo(b)fluoranthene	15.021	252	956837	55.620	ng	99
89) Benzo(k)fluoranthene	15.051	252	760646	52.321	ng	99
90) Benzo(a)pyrene	15.386	252	808379	56.954	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	840852	53.190	ng	97
92) Benzo(g,h,i)perylene	17.339	276	789754	48.029	ng	99

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

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