Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141443.D
Acq On : 05 Feb 2025 13:31
Operator : RC/JU
Sample : PB166339BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166339BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 14:26:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	70045	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	272862	20.000	ng		#-0.01
39) Acenaphthene-d10	9.828	164	147235	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	252391	20.000	ng		-0.01
76) Chrysene-d12	13.963	240	168766	20.000	ng		#-0.01
86) Perylene-d12	15.427	264	154833	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	598208	131.111	ng		0.00
7) Phenol-d6	6.434	99	718440	123.779	ng		0.00
23) Nitrobenzene-d5	7.351	82	481799	93.083	ng		-0.02
42) 2,4,6-Tribromophenol	10.622	330	203760	150.955	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	893097	93.364	ng		-0.01
79) Terphenyl-d14	12.904	244	1055500	96.452	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	74151	36.953	ng		97
3) Pyridine	3.275	79	186375	38.549	ng		96
4) n-Nitrosodimethylamine	3.222	42	137763	49.880	ng		84
6) Aniline	6.451	93	182325	37.109	ng	#	11
8) 2-Chlorophenol	6.581	128	233395	47.726	ng		95
9) Benzaldehyde	6.340	77	20938	6.228	ng		98
10) Phenol	6.446	94	269901	43.867	ng	#	68
11) bis(2-Chloroethyl)ether	6.528	93	208053	44.102	ng		98
12) 1,3-Dichlorobenzene	6.728	146	245484	45.527	ng		99
13) 1,4-Dichlorobenzene	6.810	146	249121	45.990	ng		100
14) 1,2-Dichlorobenzene	6.957	146	234274	46.187	ng		98
15) Benzyl Alcohol	6.934	79	203176	51.222	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	352997	43.030	ng		63
17) 2-Methylphenol	7.051	107	176532	44.416	ng	#	92
18) Hexachloroethane	7.298	117	93989	47.034	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	160722	46.601	ng		99
20) 3+4-Methylphenols	7.204	107	230779	47.290	ng		95
22) Acetophenone	7.198	105	324107	49.971	ng		99
24) Nitrobenzene	7.375	77	244028	45.494	ng		100
25) Isophorone	7.610	82	425288	47.533	ng		98
26) 2-Nitrophenol	7.687	139	120895	47.790	ng		91
27) 2,4-Dimethylphenol	7.734	122	176837m	54.920	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	253960	44.498	ng		98
29) 2,4-Dichlorophenol	7.940	162	189017	47.951	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	205082	45.556	ng		99
31) Naphthalene	8.092	128	665370	46.160	ng		100
32) Benzoic acid	7.857	122	136403	46.082	ng		95
33) 4-Chloroaniline	8.145	127	89922	18.396	ng		99
34) Hexachlorobutadiene	8.210	225	130656	49.491	ng		99
35) Caprolactam	8.510	113	59577m	46.278	ng		
36) 4-Chloro-3-methylphenol	8.639	107	207462	49.066	ng		97
37) 2-Methylnaphthalene	8.787	142	433820	47.352	ng		100
38) 1-Methylnaphthalene	8.887	142	406864	45.209	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	203516	48.587	ng		98
41) Hexachlorocyclopentadiene	8.939	237	230786	186.564	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	132009	48.150	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	139507	46.752	ng	97
46) 1,1'-Biphenyl	9.251	154	537519	46.812	ng	98
47) 2-Chloronaphthalene	9.275	162	408115	45.599	ng	99
48) 2-Nitroaniline	9.375	65	139818	49.666	ng	98
49) Acenaphthylene	9.692	152	626340	49.994	ng	100
50) Dimethylphthalate	9.557	163	483574	48.629	ng	100
51) 2,6-Dinitrotoluene	9.616	165	107574	46.591	ng	96
52) Acenaphthene	9.863	154	486518m	54.358	ng	
53) 3-Nitroaniline	9.786	138	60739	26.840	ng	99
54) 2,4-Dinitrophenol	9.898	184	121360	113.070	ng	91
55) Dibenzofuran	10.034	168	581677	48.552	ng	96
56) 4-Nitrophenol	9.963	139	169841	102.622	ng	88
57) 2,4-Dinitrotoluene	10.022	165	149593	50.041	ng	93
58) Fluorene	10.381	166	459804	49.478	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	125437	53.434	ng	97
60) Diethylphthalate	10.257	149	474765	49.239	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	223335	49.199	ng	95
62) 4-Nitroaniline	10.398	138	106731	47.972	ng	87
63) Azobenzene	10.533	77	462094	47.878	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	85087	56.995	ng	98
66) n-Nitrosodiphenylamine	10.492	169	405060	49.620	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	138180	48.903	ng	98
68) Hexachlorobenzene	10.928	284	146924	49.019	ng	99
69) Atrazine	11.022	200	142247	52.117	ng	99
70) Pentachlorophenol	11.128	266	178140	101.496	ng	99
71) Phenanthrene	11.345	178	703261	51.836	ng	100
72) Anthracene	11.392	178	718705	54.065	ng	99
73) Carbazole	11.551	167	626248	53.128	ng	99
74) Di-n-butylphthalate	11.880	149	734688	51.430	ng	99
75) Fluoranthene	12.533	202	740295	55.263	ng	98
77) Benzidine	12.651	184	152405	28.169	ng	99
78) Pyrene	12.763	202	752575	46.455	ng	100
80) Butylbenzylphthalate	13.380	149	285734	50.487	ng	99
81) Benzo(a)anthracene	13.951	228	549332	47.170	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	87185	23.538	ng	99
83) Chrysene	13.992	228	525550	49.241	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	359351	50.053	ng	99
85) Di-n-octyl phthalate	14.574	149	539172	48.352	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	507144	50.748	ng	95
88) Benzo(b)fluoranthene	15.010	252	452259	46.436	ng	98
89) Benzo(k)fluoranthene	15.039	252	454887	52.723	ng	98
90) Benzo(a)pyrene	15.368	252	436814	53.074	ng	98
91) Dibenzo(a,h)anthracene	16.898	278	403526	50.190	ng	97
92) Benzo(g,h,i)perylene	17.315	276	376155	44.995	ng	94

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

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