Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141407.D
Acq On : 04 Feb 2025 14:39
Operator : RC/JU
Sample : PB166426BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 04 15:34:26 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

Instrument :
BNA_F
ClientSampleId :
PB166426BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	82681	20.000	ng		-0.02
21) Naphthalene-d8	8.075	136	331184	20.000	ng		#-0.01
39) Acenaphthene-d10	9.827	164	180993	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	312610	20.000	ng		-0.01
76) Chrysene-d12	13.963	240	234119	20.000	ng		-0.01
86) Perylene-d12	15.421	264	200536	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	713019	132.392	ng		0.00
7) Phenol-d6	6.434	99	872692	127.377	ng		0.00
23) Nitrobenzene-d5	7.357	82	579317	92.213	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	254875	153.605	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	1099591	93.511	ng		-0.01
79) Terphenyl-d14	12.904	244	1365459	89.945	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	94708	39.985	ng		98
3) Pyridine	3.275	79	226080	39.615	ng		97
4) n-Nitrosodimethylamine	3.228	42	163446	50.135	ng		89
6) Aniline	6.451	93	217287	37.466	ng	#	10
8) 2-Chlorophenol	6.581	128	278040	48.166	ng		95
9) Benzaldehyde	6.334	77	25465	6.417	ng		98
10) Phenol	6.445	94	326970	45.020	ng	#	69
11) bis(2-Chloroethyl)ether	6.528	93	253314	45.490	ng		98
12) 1,3-Dichlorobenzene	6.728	146	289320	45.456	ng		99
13) 1,4-Dichlorobenzene	6.804	146	290732	45.469	ng		99
14) 1,2-Dichlorobenzene	6.957	146	278667	46.543	ng		99
15) Benzyl Alcohol	6.934	79	243779	52.066	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	425235	43.914	ng		56
17) 2-Methylphenol	7.057	107	215340	45.900	ng	#	88
18) Hexachloroethane	7.298	117	112078	47.515	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	192355	47.250	ng		99
20) 3+4-Methylphenols	7.204	107	278667	48.376	ng		94
22) Acetophenone	7.198	105	387286	49.197	ng	#	97
24) Nitrobenzene	7.375	77	291997	44.851	ng		99
25) Isophorone	7.610	82	512208	47.166	ng		99
26) 2-Nitrophenol	7.686	139	149139	48.573	ng		96
27) 2,4-Dimethylphenol	7.734	122	214302m	54.835	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	311809	45.013	ng		99
29) 2,4-Dichlorophenol	7.939	162	228705	47.802	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	242234	44.333	ng		100
31) Naphthalene	8.092	128	799068	45.673	ng		100
32) Benzoic acid	7.857	122	173870	48.396	ng		97
33) 4-Chloroaniline	8.145	127	111900	18.861	ng		99
34) Hexachlorobutadiene	8.210	225	153801	47.999	ng		99
35) Caprolactam	8.510	113	71389m	45.688	ng		
36) 4-Chloro-3-methylphenol	8.639	107	252782	49.256	ng		97
37) 2-Methylnaphthalene	8.786	142	524031	47.126	ng		99
38) 1-Methylnaphthalene	8.886	142	488613	44.732	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	244141	47.415	ng		98
41) Hexachlorocyclopentadiene	8.939	237	292771	192.529	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	164492	48.807	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	173420	47.278	ng	98
46) 1,1'-Biphenyl	9.251	154	655951	46.471	ng	99
47) 2-Chloronaphthalene	9.275	162	489548	44.496	ng	99
48) 2-Nitroaniline	9.375	65	170280	49.205	ng	97
49) Acenaphthylene	9.692	152	760954	49.410	ng	100
50) Dimethylphthalate	9.557	163	593755	48.572	ng	100
51) 2,6-Dinitrotoluene	9.616	165	132856	46.808	ng	98
52) Acenaphthene	9.863	154	591701m	53.779	ng	
53) 3-Nitroaniline	9.786	138	80709	29.013	ng	99
54) 2,4-Dinitrophenol	9.898	184	154693	117.244	ng	93
55) Dibenzofuran	10.039	168	700235	47.547	ng	97
56) 4-Nitrophenol	9.969	139	212195	104.299	ng	90
57) 2,4-Dinitrotoluene	10.022	165	183846	50.028	ng	94
58) Fluorene	10.380	166	560118	49.031	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	154775	53.634	ng	98
60) Diethylphthalate	10.257	149	586751	49.503	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	268913	48.191	ng	97
62) 4-Nitroaniline	10.404	138	135954	49.710	ng	94
63) Azobenzene	10.533	77	564907	47.614	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	109062	58.982	ng	96
66) n-Nitrosodiphenylamine	10.492	169	490366	48.499	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	169955	48.562	ng	99
68) Hexachlorobenzene	10.927	284	181362	48.853	ng	98
69) Atrazine	11.022	200	175099	51.796	ng	99
70) Pentachlorophenol	11.127	266	224331	103.193	ng	99
71) Phenanthrene	11.345	178	861852	51.288	ng	100
72) Anthracene	11.392	178	882833	53.619	ng	99
73) Carbazole	11.551	167	770620	52.783	ng	99
74) Di-n-butylphthalate	11.880	149	922589	52.143	ng	99
75) Fluoranthene	12.533	202	925902	55.804	ng	98
77) Benzidine	12.657	184	182119	24.265	ng	99
78) Pyrene	12.763	202	951626	42.345	ng	100
80) Butylbenzylphthalate	13.380	149	386308	49.204	ng	99
81) Benzo(a)anthracene	13.951	228	745476	46.144	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	128195	24.949	ng	99
83) Chrysene	13.992	228	722130	48.772	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	509487	51.156	ng	99
85) Di-n-octyl phthalate	14.568	149	801166	51.792	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	638218	49.309	ng	96
88) Benzo(b)fluoranthene	15.004	252	697768	55.316	ng	99
89) Benzo(k)fluoranthene	15.033	252	528168	47.265	ng	99
90) Benzo(a)pyrene	15.362	252	566504	53.145	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	511474	49.118	ng	98
92) Benzo(g,h,i)perylene	17.309	276	479740	44.307	ng	95

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

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