Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141402.D
Acq On : 04 Feb 2025 12:28
Operator : RC/JU
Sample : PB166465BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 04 12:56:49 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 :
PB166465BS

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	88302	20.000	ng		-0.02
21) Naphthalene-d8	8.075	136	356451	20.000	ng		-0.01
39) Acenaphthene-d10	9.828	164	193437	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	332836	20.000	ng		-0.01
76) Chrysene-d12	13.963	240	250595	20.000	ng		-0.01
86) Perylene-d12	15.421	264	214372	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	767671	133.466	ng		0.00
7) Phenol-d6	6.434	99	933126	127.528	ng		0.00
23) Nitrobenzene-d5	7.357	82	623908	92.271	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	265382	149.648	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	1158880	92.213	ng		-0.01
79) Terphenyl-d14	12.904	244	1403721	86.386	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	95510	37.757	ng		97
3) Pyridine	3.269	79	220711	36.213	ng		98
4) n-Nitrosodimethylamine	3.210	42	153088	43.968	ng		92
6) Aniline	6.451	93	237188	38.294	ng	#	20
8) 2-Chlorophenol	6.581	128	267327	43.363	ng		95
9) Benzaldehyde	6.340	77	197479	46.594	ng		99
10) Phenol	6.446	94	315191	40.636	ng	#	66
11) bis(2-Chloroethyl)ether	6.528	93	247036	41.538	ng		98
12) 1,3-Dichlorobenzene	6.728	146	282031	41.491	ng		99
13) 1,4-Dichlorobenzene	6.804	146	280442	41.068	ng		98
14) 1,2-Dichlorobenzene	6.957	146	270774	42.346	ng		100
15) Benzyl Alcohol	6.934	79	235799	47.156	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	417513	40.372	ng		54
17) 2-Methylphenol	7.057	107	208200	41.553	ng	#	89
18) Hexachloroethane	7.304	117	106760	42.379	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	186715	42.945	ng		99
20) 3+4-Methylphenols	7.204	107	269748	43.847	ng		91
22) Acetophenone	7.198	105	407161	48.055	ng	#	97
24) Nitrobenzene	7.375	77	282663	40.339	ng		99
25) Isophorone	7.610	82	502031	42.952	ng		98
26) 2-Nitrophenol	7.687	139	141155	42.714	ng		95
27) 2,4-Dimethylphenol	7.734	122	219596m	52.206	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	303611	40.723	ng		99
29) 2,4-Dichlorophenol	7.940	162	221962	43.104	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	239056	40.650	ng		99
31) Naphthalene	8.092	128	769593	40.870	ng		99
32) Benzoic acid	7.857	122	178919	46.271	ng		96
33) 4-Chloroaniline	8.145	127	111837	17.514	ng		99
34) Hexachlorobutadiene	8.210	225	146733	42.547	ng		99
35) Caprolactam	8.510	113	75752m	45.044	ng		
36) 4-Chloro-3-methylphenol	8.640	107	238755	43.225	ng		96
37) 2-Methylnaphthalene	8.787	142	485815	40.592	ng		100
38) 1-Methylnaphthalene	8.887	142	475503	40.446	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	258510	46.976	ng		99
41) Hexachlorocyclopentadiene	8.939	237	310187	190.859	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	155878	43.276	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	165351	42.178	ng	100
46) 1,1'-Biphenyl	9.251	154	703887	46.659	ng	99
47) 2-Chloronaphthalene	9.275	162	473553	40.273	ng	100
48) 2-Nitroaniline	9.375	65	159247	43.057	ng	97
49) Acenaphthylene	9.692	152	740460	44.986	ng	100
50) Dimethylphthalate	9.557	163	558629	42.759	ng	100
51) 2,6-Dinitrotoluene	9.616	165	123098	40.580	ng	97
52) Acenaphthene	9.863	154	560712m	47.684	ng	
53) 3-Nitroaniline	9.781	138	68097	22.904	ng	96
54) 2,4-Dinitrophenol	9.892	184	151593	107.504	ng	90
55) Dibenzofuran	10.034	168	671106	42.637	ng	97
56) 4-Nitrophenol	9.963	139	218315	100.404	ng	91
57) 2,4-Dinitrotoluene	10.022	165	173602	44.202	ng	95
58) Fluorene	10.381	166	518457	42.465	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	148879	48.272	ng	99
60) Diethylphthalate	10.257	149	545927	43.096	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	252498	42.338	ng	98
62) 4-Nitroaniline	10.398	138	127390	43.582	ng	93
63) Azobenzene	10.533	77	542409	42.776	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	99055	50.314	ng	96
66) n-Nitrosodiphenylamine	10.492	169	470723	43.727	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	158774	42.610	ng	99
68) Hexachlorobenzene	10.928	284	166904	42.227	ng	98
69) Atrazine	11.022	200	181840	50.521	ng	99
70) Pentachlorophenol	11.128	266	221451	95.677	ng	99
71) Phenanthrene	11.345	178	806850	45.097	ng	100
72) Anthracene	11.392	178	832463	47.487	ng	99
73) Carbazole	11.551	167	733666	47.198	ng	99
74) Di-n-butylphthalate	11.880	149	864328	45.882	ng	100
75) Fluoranthene	12.533	202	869611	49.226	ng	98
77) Benzidine	12.657	184	368913	45.921	ng	99
78) Pyrene	12.763	202	889284	36.969	ng	99
80) Butylbenzylphthalate	13.386	149	360551	42.904	ng	99
81) Benzo(a)anthracene	13.951	228	708842	40.991	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	119645	21.754	ng	99
83) Chrysene	13.992	228	691058	43.605	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	470782	44.162	ng	99
85) Di-n-octyl phthalate	14.569	149	760585	45.935	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	609183	44.028	ng	96
88) Benzo(b)fluoranthene	15.004	252	606018	44.942	ng	99
89) Benzo(k)fluoranthene	15.033	252	555327	46.488	ng	99
90) Benzo(a)pyrene	15.363	252	544814	47.811	ng	97
91) Dibenzo(a,h)anthracene	16.886	278	486628	43.716	ng	97
92) Benzo(g,h,i)perylene	17.304	276	469306	40.546	ng	96

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

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