Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141400.D
Acq On : 04 Feb 2025 11:35
Operator : RC/JU
Sample : PB166483BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 12:52:08 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 :
PB166483BS

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	76563	20.000	ng		-0.02
21) Naphthalene-d8	8.075	136	300075	20.000	ng		-0.01
39) Acenaphthene-d10	9.828	164	160616	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	270383	20.000	ng		-0.01
76) Chrysene-d12	13.963	240	215739	20.000	ng		-0.01
86) Perylene-d12	15.415	264	184626	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	725062	145.386	ng		0.00
7) Phenol-d6	6.434	99	864984	136.340	ng		0.00
23) Nitrobenzene-d5	7.357	82	571426	100.387	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	235403	159.869	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	1048310	100.460	ng		-0.01
79) Terphenyl-d14	12.910	244	1283922	91.780	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	92151	42.014	ng		97
3) Pyridine	3.257	79	207759	39.314	ng		97
4) n-Nitrosodimethylamine	3.199	42	144832	47.975	ng		91
6) Aniline	6.451	93	227171	42.301	ng	#	23
8) 2-Chlorophenol	6.581	128	250036	46.776	ng		96
9) Benzaldehyde	6.339	77	183018	49.803	ng		99
10) Phenol	6.445	94	294895	43.849	ng	#	66
11) bis(2-Chloroethyl)ether	6.528	93	230207	44.643	ng		97
12) 1,3-Dichlorobenzene	6.728	146	259221	43.982	ng		99
13) 1,4-Dichlorobenzene	6.804	146	264519	44.675	ng		99
14) 1,2-Dichlorobenzene	6.957	146	252196	45.488	ng		100
15) Benzyl Alcohol	6.934	79	214928	49.572	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	385864	43.032	ng		83
17) 2-Methylphenol	7.057	107	189327	43.580	ng	#	89
18) Hexachloroethane	7.304	117	98203	44.959	ng		95
19) n-Nitroso-di-n-propyla...	7.204	70	169876	45.062	ng		100
20) 3+4-Methylphenols	7.204	107	247410	46.382	ng	#	89
22) Acetophenone	7.198	105	377957	52.989	ng	#	97
24) Nitrobenzene	7.375	77	258189	43.769	ng		99
25) Isophorone	7.610	82	451737	45.910	ng		98
26) 2-Nitrophenol	7.686	139	127221	45.730	ng		93
27) 2,4-Dimethylphenol	7.734	122	200215m	56.541	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	276699	44.086	ng		99
29) 2,4-Dichlorophenol	7.939	162	200490	46.249	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	217627	43.959	ng		99
31) Naphthalene	8.092	128	705472	44.503	ng		100
32) Benzoic acid	7.851	122	164765	50.616	ng		98
33) 4-Chloroaniline	8.145	127	127904	23.794	ng		99
34) Hexachlorobutadiene	8.210	225	135320	46.609	ng		98
35) Caprolactam	8.504	113	71008m	50.155	ng		
36) 4-Chloro-3-methylphenol	8.639	107	221277	47.587	ng		96
37) 2-Methylnaphthalene	8.786	142	444828	44.150	ng		99
38) 1-Methylnaphthalene	8.886	142	435401	43.993	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	238396	52.173	ng		98
41) Hexachlorocyclopentadiene	8.939	237	283535	210.110	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	142131	47.523	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	148982	45.768	ng	98
46) 1,1'-Biphenyl	9.251	154	636137	50.785	ng	99
47) 2-Chloronaphthalene	9.275	162	431150	44.160	ng	99
48) 2-Nitroaniline	9.375	65	143083	46.592	ng	98
49) Acenaphthylene	9.692	152	666641	48.777	ng	100
50) Dimethylphthalate	9.557	163	508293	46.856	ng	100
51) 2,6-Dinitrotoluene	9.616	165	112877	44.814	ng	100
52) Acenaphthene	9.863	154	506621m	51.888	ng	
53) 3-Nitroaniline	9.780	138	64615	26.174	ng	94
54) 2,4-Dinitrophenol	9.892	184	132431	113.106	ng	92
55) Dibenzofuran	10.033	168	601125	45.995	ng	97
56) 4-Nitrophenol	9.963	139	197015	109.124	ng	90
57) 2,4-Dinitrotoluene	10.022	165	154912	47.503	ng	94
58) Fluorene	10.380	166	476249	46.978	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128489	50.174	ng	97
60) Diethylphthalate	10.257	149	487531	46.351	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	230145	46.476	ng	100
62) 4-Nitroaniline	10.398	138	115317	47.513	ng	91
63) Azobenzene	10.533	77	473493	44.972	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	86904	54.338	ng	97
66) n-Nitrosodiphenylamine	10.492	169	414100	47.352	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	139830	46.194	ng	99
68) Hexachlorobenzene	10.927	284	150872	46.987	ng	99
69) Atrazine	11.022	200	162293	55.505	ng	99
70) Pentachlorophenol	11.127	266	199886	106.308	ng	99
71) Phenanthrene	11.339	178	730767	50.279	ng	100
72) Anthracene	11.392	178	740887	52.025	ng	100
73) Carbazole	11.551	167	665737	52.720	ng	100
74) Di-n-butylphthalate	11.880	149	782788	51.151	ng	100
75) Fluoranthene	12.533	202	786408	54.799	ng	98
77) Benzidine	12.657	184	367247	53.099	ng	99
78) Pyrene	12.763	202	807615	38.998	ng	100
80) Butylbenzylphthalate	13.386	149	332305	45.931	ng	98
81) Benzo(a)anthracene	13.951	228	668353	44.894	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	111961	23.646	ng	99
83) Chrysene	13.986	228	643939	47.197	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	437769	47.699	ng	99
85) Di-n-octyl phthalate	14.562	149	714116	50.097	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	561438	47.115	ng	96
88) Benzo(b)fluoranthene	14.998	252	563297	48.504	ng	99
89) Benzo(k)fluoranthene	15.027	252	545792	53.051	ng	99
90) Benzo(a)pyrene	15.357	252	506470	51.607	ng	98
91) Dibenzo(a,h)anthracene	16.880	278	451705	47.116	ng	97
92) Benzo(g,h,i)perylene	17.298	276	435645	43.702	ng	95

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

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