Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141784.D
Acq On : 26 Feb 2025 15:59
Operator : RC/JU
Sample : Q1422-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 02/27/2025
Supervised By :Jagrut Upadhyay 02/27/2025

Quant Time: Feb 26 16:22:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	79854	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	322962	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	177311	20.000	ng		-0.02
64) Phenanthrene-d10	11.304	188	312658	20.000	ng		-0.01
76) Chrysene-d12	13.945	240	214920	20.000	ng		-0.02
86) Perylene-d12	15.386	264	184312	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	463240	90.946	ng		0.00
7) Phenol-d6	6.428	99	564614	87.702	ng		-0.01
23) Nitrobenzene-d5	7.345	82	360039	58.146	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	163946	92.044	ng		-0.02
45) 2-Fluorobiphenyl	9.134	172	686035	59.609	ng		-0.02
79) Terphenyl-d14	12.886	244	817250	64.194	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	87029	42.452	ng		93
3) Pyridine	3.257	79	198020	40.592	ng		90
4) n-Nitrosodimethylamine	3.210	42	113138	35.025	ng		83
6) Aniline	6.446	93	181638	30.077	ng	#	76
8) 2-Chlorophenol	6.569	128	239317	43.482	ng		99
9) Benzaldehyde	6.334	77	89246	26.087	ng		95
10) Phenol	6.440	94	287634	42.927	ng		92
11) bis(2-Chloroethyl)ether	6.516	93	213979	42.516	ng		98
12) 1,3-Dichlorobenzene	6.722	146	245905	42.321	ng		97
13) 1,4-Dichlorobenzene	6.798	146	252675	42.562	ng		97
14) 1,2-Dichlorobenzene	6.951	146	239585	43.483	ng		99
15) Benzyl Alcohol	6.928	79	199900	40.491	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	318601	36.981	ng		61
17) 2-Methylphenol	7.051	107	182215	42.306	ng		93
18) Hexachloroethane	7.287	117	93229	42.433	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	159978	41.543	ng		92
20) 3+4-Methylphenols	7.204	107	241904	44.194	ng	#	73
22) Acetophenone	7.193	105	364098	45.320	ng	#	90
24) Nitrobenzene	7.369	77	238455	39.493	ng		95
25) Isophorone	7.604	82	426486	43.198	ng		99
26) 2-Nitrophenol	7.681	139	128143	42.658	ng		93
27) 2,4-Dimethylphenol	7.728	122	189805	54.086	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	269122	42.540	ng		99
29) 2,4-Dichlorophenol	7.934	162	199953	42.170	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	213563	41.361	ng		100
31) Naphthalene	8.087	128	679030	40.391	ng		100
32) Benzoic acid	7.863	122	101995	27.981	ng		95
33) 4-Chloroaniline	8.140	127	75693	12.896	ng		97
34) Hexachlorobutadiene	8.198	225	131485	42.417	ng		99
35) Caprolactam	8.510	113	68349m	47.344	ng		
36) 4-Chloro-3-methylphenol	8.634	107	214849	40.906	ng		98
37) 2-Methylnaphthalene	8.775	142	437338	39.977	ng		99
38) 1-Methylnaphthalene	8.875	142	423635	39.983	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	238674	46.527	ng		99
41) Hexachlorocyclopentadiene	8.928	237	187870	110.109	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	137394	41.440	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	149521	41.612	ng		97
46) 1,1'-Biphenyl	9.239	154	639642	46.531	ng		100
47) 2-Chloronaphthalene	9.263	162	434391	42.733	ng		98
48) 2-Nitroaniline	9.369	65	138675	40.650	ng		91
49) Acenaphthylene	9.681	152	666305	44.069	ng		99
50) Dimethylphthalate	9.539	163	514964	42.781	ng		99
51) 2,6-Dinitrotoluene	9.610	165	116422	44.243	ng		90
52) Acenaphthene	9.851	154	416385	40.964	ng		100
53) 3-Nitroaniline	9.781	138	70858	25.019	ng		97
54) 2,4-Dinitrophenol	9.898	184	99584	63.676	ng	#	85
55) Dibenzofuran	10.022	168	601769	40.333	ng		99
56) 4-Nitrophenol	9.963	139	159933	76.071	ng		93
57) 2,4-Dinitrotoluene	10.016	165	151157	43.150	ng		98
58) Fluorene	10.363	166	489898	42.466	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	123256	39.843	ng	#	95
60) Diethylphthalate	10.239	149	507703	42.869	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	242214	43.643	ng		96
62) 4-Nitroaniline	10.398	138	122560	42.617	ng		94
63) Azobenzene	10.516	77	499266	42.405	ng		94
65) 4,6-Dinitro-2-methylph...	10.428	198	78485	36.137	ng		88
66) n-Nitrosodiphenylamine	10.475	169	431958	43.159	ng		99
67) 4-Bromophenyl-phenylether	10.845	248	150121	42.961	ng		100
68) Hexachlorobenzene	10.916	284	158295	43.992	ng		97
69) Atrazine	11.010	200	165560	55.140	ng		99
70) Pentachlorophenol	11.116	266	154259	67.046	ng		99
71) Phenanthrene	11.328	178	738439	42.906	ng		100
72) Anthracene	11.381	178	768272	44.407	ng		100
73) Carbazole	11.539	167	671363	43.127	ng		99
74) Di-n-butylphthalate	11.863	149	801177	44.573	ng		100
75) Fluoranthene	12.516	202	783278	42.928	ng		100
77) Benzidine	12.639	184	237535	50.114	ng		100
78) Pyrene	12.745	202	801068	43.785	ng		99
80) Butylbenzylphthalate	13.357	149	310087	48.933	ng		98
81) Benzo(a)anthracene	13.933	228	631417	44.197	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	133088	32.521	ng		99
83) Chrysene	13.969	228	559008	42.377	ng		100
84) Bis(2-ethylhexyl)phtha...	13.916	149	400847	56.085	ng		99
85) Di-n-octyl phthalate	14.527	149	557047	54.634	ng		96
87) Indeno(1,2,3-cd)pyrene	16.833	276	554914	48.726	ng		99
88) Benzo(b)fluoranthene	14.969	252	457903	37.000	ng		99
89) Benzo(k)fluoranthene	14.998	252	406870	38.501	ng		99
90) Benzo(a)pyrene	15.327	252	451992	45.136	ng		99
91) Dibenzo(a,h)anthracene	16.839	278	447722	48.518	ng		99
92) Benzo(g,h,i)perylene	17.262	276	432991	44.839	ng		99

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

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