Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141435.D
Acq On : 05 Feb 2025 10:02
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Quant Time: Feb 05 10:46:53 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	6.792	152	78610	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	301871	20.000	ng		#-0.01
39) Acenaphthene-d10	9.828	164	162758	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	271503	20.000	ng		-0.01
76) Chrysene-d12	13.963	240	168458	20.000	ng		#-0.01
86) Perylene-d12	15.427	264	170248	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	407329	79.549	ng		0.00
7) Phenol-d6	6.434	99	503234	77.255	ng		0.00
23) Nitrobenzene-d5	7.357	82	478767	83.608	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	127994	85.780	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	870937	82.364	ng		-0.01
79) Terphenyl-d14	12.904	244	869288	79.581	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	78559	34.885	ng		94
3) Pyridine	3.187	79	194117	35.776	ng		95
4) n-Nitrosodimethylamine	3.140	42	135212m	43.622	ng		
6) Aniline	6.451	93	203874	36.974	ng	#	15
8) 2-Chlorophenol	6.581	128	217362	39.605	ng		98
9) Benzaldehyde	6.340	77	155340	41.171	ng		99
10) Phenol	6.445	94	261387	37.854	ng	#	70
11) bis(2-Chloroethyl)ether	6.528	93	198646	37.520	ng		99
12) 1,3-Dichlorobenzene	6.734	146	244041	40.328	ng		100
13) 1,4-Dichlorobenzene	6.810	146	248088	40.809	ng		100
14) 1,2-Dichlorobenzene	6.963	146	230694	40.526	ng		98
15) Benzyl Alcohol	6.934	79	188189	42.275	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	320404	34.802	ng		83
17) 2-Methylphenol	7.051	107	170207	38.159	ng		93
18) Hexachloroethane	7.304	117	91496	40.798	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	149493	38.623	ng		100
20) 3+4-Methylphenols	7.210	107	219253	40.033	ng		94
22) Acetophenone	7.204	105	297343	41.439	ng		97
24) Nitrobenzene	7.375	77	243522	41.037	ng		98
25) Isophorone	7.616	82	381288	38.520	ng		99
26) 2-Nitrophenol	7.692	139	115128	41.137	ng		95
27) 2,4-Dimethylphenol	7.734	122	138196m	38.795	ng		
28) bis(2-Chloroethoxy)met...	7.828	93	236983	37.533	ng		99
29) 2,4-Dichlorophenol	7.939	162	179202	41.092	ng		100
30) 1,2,4-Trichlorobenzene	8.016	180	204292	41.020	ng		100
31) Naphthalene	8.098	128	638897	40.064	ng		99
32) Benzoic acid	7.851	122	131516	40.161	ng		94
33) 4-Chloroaniline	8.145	127	202319	37.413	ng		98
34) Hexachlorobutadiene	8.216	225	128024	43.834	ng		99
35) Caprolactam	8.516	113	55628	39.058	ng		97
36) 4-Chloro-3-methylphenol	8.634	107	195300	41.751	ng		94
37) 2-Methylnaphthalene	8.786	142	404544	39.913	ng		100
38) 1-Methylnaphthalene	8.886	142	396613	39.835	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	188623	40.737	ng		99
41) Hexachlorocyclopentadiene	8.939	237	53928	39.437	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	125213	41.315	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	136179	41.284	ng		99
46) 1,1'-Biphenyl	9.251	154	500011	39.392	ng		97
47) 2-Chloronaphthalene	9.275	162	397635	40.191	ng		100
48) 2-Nitroaniline	9.375	65	128787	41.385	ng		97
49) Acenaphthylene	9.692	152	552204	39.872	ng		100
50) Dimethylphthalate	9.557	163	437816	39.828	ng		100
51) 2,6-Dinitrotoluene	9.616	165	103868	40.695	ng		95
52) Acenaphthene	9.863	154	400902	40.520	ng		98
53) 3-Nitroaniline	9.786	138	100475	40.165	ng		97
54) 2,4-Dinitrophenol	9.892	184	52193	43.990	ng	#	85
55) Dibenzofuran	10.033	168	529389	39.973	ng		96
56) 4-Nitrophenol	9.963	139	76553	41.844	ng		90
57) 2,4-Dinitrotoluene	10.022	165	139267	42.144	ng		96
58) Fluorene	10.380	166	427075	41.573	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	109126	42.052	ng		97
60) Diethylphthalate	10.251	149	431776	40.510	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	209555	41.761	ng		99
62) 4-Nitroaniline	10.398	138	102198	41.554	ng		89
63) Azobenzene	10.533	77	406009	38.055	ng		97
65) 4,6-Dinitro-2-methylph...	10.433	198	73514	45.776	ng		99
66) n-Nitrosodiphenylamine	10.492	169	356533	40.601	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	125379	41.249	ng		98
68) Hexachlorobenzene	10.928	284	133335	41.354	ng		98
69) Atrazine	11.022	200	108751	37.040	ng		99
70) Pentachlorophenol	11.127	266	82010	43.436	ng		99
71) Phenanthrene	11.345	178	605311	41.476	ng		99
72) Anthracene	11.392	178	597915	41.812	ng		99
73) Carbazole	11.551	167	545853	43.048	ng		100
74) Di-n-butylphthalate	11.880	149	632426	41.155	ng		100
75) Fluoranthene	12.533	202	626646	43.486	ng		97
77) Benzidine	12.657	184	207554	38.432	ng		98
78) Pyrene	12.763	202	631407	39.047	ng		99
80) Butylbenzylphthalate	13.380	149	224717	39.778	ng		99
81) Benzo(a)anthracene	13.951	228	441320	37.964	ng		100
82) 3,3'-Dichlorobenzidine	13.916	252	141060	38.153	ng		98
83) Chrysene	13.992	228	418577	39.290	ng		100
84) Bis(2-ethylhexyl)phtha...	13.945	149	276519	38.586	ng		98
85) Di-n-octyl phthalate	14.568	149	418773	37.624	ng		99
87) Indeno(1,2,3-cd)pyrene	16.874	276	480324	43.712	ng		95
88) Benzo(b)fluoranthene	15.004	252	451713	42.180	ng		98
89) Benzo(k)fluoranthene	15.033	252	368364	38.829	ng		98
90) Benzo(a)pyrene	15.363	252	375306	41.472	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	385925	43.654	ng		97
92) Benzo(g,h,i)perylene	17.309	276	405442	44.107	ng		95

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

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