Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142115.D
Acq On : 27 Mar 2025 09:34
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 27 11:47:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	136999	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	494754	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	276189	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	512461	20.000	ng		0.00
76) Chrysene-d12	14.039	240	348286	20.000	ng		0.00
86) Perylene-d12	15.510	264	343757	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	678357	82.639	ng		-0.01
7) Phenol-d6	6.498	99	843479	80.705	ng		0.00
23) Nitrobenzene-d5	7.434	82	727421	82.741	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	318585	90.925	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1450684	79.881	ng		-0.01
79) Terphenyl-d14	12.980	244	1898815	80.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	137801	40.065	ng		97
3) Pyridine	3.381	79	340299	40.335	ng		97
4) n-Nitrosodimethylamine	3.328	42	150943m	37.532	ng		
6) Aniline	6.534	93	397229	38.528	ng		100
8) 2-Chlorophenol	6.657	128	360532	39.601	ng		97
9) Benzaldehyde	6.422	77	377190	64.530	ng		100
10) Phenol	6.510	94	440881	40.098	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	306395	37.111	ng		98
12) 1,3-Dichlorobenzene	6.810	146	389407	39.619	ng		99
13) 1,4-Dichlorobenzene	6.887	146	398563	40.078	ng		99
14) 1,2-Dichlorobenzene	7.045	146	382037	40.786	ng		97
15) Benzyl Alcohol	7.010	79	323731	38.314	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	334112	33.520	ng		99
17) 2-Methylphenol	7.122	107	268180	37.048	ng		98
18) Hexachloroethane	7.387	117	141962	38.068	ng		94
19) n-Nitroso-di-n-propyla...	7.281	70	224971	33.500	ng		100
20) 3+4-Methylphenols	7.275	107	348174	37.552	ng	#	86
22) Acetophenone	7.281	105	476056	40.180	ng		99
24) Nitrobenzene	7.451	77	360281	41.223	ng		99
25) Isophorone	7.692	82	615846	39.628	ng		99
26) 2-Nitrophenol	7.769	139	200037	46.634	ng		97
27) 2,4-Dimethylphenol	7.804	122	244233	41.350	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	387522	39.757	ng		99
29) 2,4-Dichlorophenol	8.010	162	298265	40.683	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	325048	40.232	ng		100
31) Naphthalene	8.175	128	1008662	39.688	ng		100
32) Benzoic acid	7.910	122	233951	45.060	ng		95
33) 4-Chloroaniline	8.222	127	354820	39.549	ng		98
34) Hexachlorobutadiene	8.292	225	218167	41.406	ng		98
35) Caprolactam	8.592	113	89891	40.217	ng		91
36) 4-Chloro-3-methylphenol	8.698	107	320949	39.245	ng		99
37) 2-Methylnaphthalene	8.869	142	665820	39.195	ng		100
38) 1-Methylnaphthalene	8.969	142	638170	38.930	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	343201	40.814	ng		98
41) Hexachlorocyclopentadiene	9.016	237	120767	36.697	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	222873	40.555	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.181	196	235089	42.238	ng		100
46)	1,1'-Biphenyl	9.328	154	842748	40.159	ng		99
47)	2-Chloronaphthalene	9.357	162	629966	40.276	ng		99
48)	2-Nitroaniline	9.451	65	184883	40.824	ng		97
49)	Acenaphthylene	9.769	152	943553	40.651	ng		100
50)	Dimethylphthalate	9.628	163	780780	40.370	ng		99
51)	2,6-Dinitrotoluene	9.692	165	168590	41.865	ng		94
52)	Acenaphthene	9.945	154	675271	41.398	ng		99
53)	3-Nitroaniline	9.863	138	172915	42.331	ng		95
54)	2,4-Dinitrophenol	9.969	184	95033	44.696	ng	#	45
55)	Dibenzofuran	10.116	168	953878	40.926	ng		98
56)	4-Nitrophenol	10.016	139	137340	44.584	ng		98
57)	2,4-Dinitrotoluene	10.098	165	234684	44.620	ng		97
58)	Fluorene	10.457	166	742826	41.328	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.233	232	218770	43.195	ng		97
60)	Diethylphthalate	10.328	149	789074	40.916	ng		100
61)	4-Chlorophenyl-phenyle...	10.451	204	387599	41.362	ng		96
62)	4-Nitroaniline	10.475	138	180032	45.271	ng		97
63)	Azobenzene	10.610	77	696870	38.867	ng		97
65)	4,6-Dinitro-2-methylph...	10.504	198	138984	45.494	ng		96
66)	n-Nitrosodiphenylamine	10.569	169	637600	38.448	ng		100
67)	4-Bromophenyl-phenylether	10.939	248	250367	38.902	ng		98
68)	Hexachlorobenzene	11.004	284	288506	40.872	ng		98
69)	Atrazine	11.092	200	213992	42.093	ng		98
70)	Pentachlorophenol	11.198	266	189002	43.458	ng		99
71)	Phenanthrene	11.422	178	1106250	39.966	ng		99
72)	Anthracene	11.475	178	1116716	40.213	ng		100
73)	Carbazole	11.627	167	982505	41.025	ng		100
74)	Di-n-butylphthalate	11.957	149	1272831	40.054	ng		99
75)	Fluoranthene	12.610	202	1202859	40.967	ng		99
77)	Benzidine	12.733	184	226189	46.548	ng		100
78)	Pyrene	12.839	202	1182247	39.242	ng		100
80)	Butylbenzylphthalate	13.457	149	459564	38.973	ng		96
81)	Benzo(a)anthracene	14.027	228	911080	39.864	ng		99
82)	3,3'-Dichlorobenzidine	13.986	252	255641	38.706	ng		99
83)	Chrysene	14.063	228	826095	39.875	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	618018	38.012	ng		100
85)	Di-n-octyl phthalate	14.627	149	875195	38.688	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.004	276	828377	37.252	ng		98
88)	Benzo(b)fluoranthene	15.080	252	831276	35.284	ng		100
89)	Benzo(k)fluoranthene	15.110	252	802337	39.795	ng		99
90)	Benzo(a)pyrene	15.451	252	735410	39.893	ng		99
91)	Dibenzo(a,h)anthracene	17.021	278	670422	36.541	ng		99
92)	Benzo(g,h,i)perylene	17.457	276	662051	36.515	ng		97

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

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