Quantitation Report (QT Reviewed)

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142045.D
Acq On : 24 Mar 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 24 11:25:10 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	161989	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	619308	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	352913	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	604220	20.000	ng	0.00
76) Chrysene-d12	14.039	240	331741	20.000	ng	0.00
86) Perylene-d12	15.510	264	322359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	735300	75.757	ng	0.00
7) Phenol-d6	6.498	99	922026	74.611	ng	0.00
23) Nitrobenzene-d5	7.440	82	848029	77.060	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	358850	80.151	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1740796	75.016	ng	0.00
79) Terphenyl-d14	12.980	244	1822970	81.243	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	152614	37.527	ng	98
3) Pyridine	3.405	79	360104	36.098	ng	98
4) n-Nitrosodimethylamine	3.357	42	166334	34.979	ng	96
6) Aniline	6.540	93	442756	36.318	ng	99
8) 2-Chlorophenol	6.657	128	405391	37.659	ng	99
9) Benzaldehyde	6.428	77	262503	37.981	ng	98
10) Phenol	6.516	94	483881	37.219	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	353658	36.228	ng	99
12) 1,3-Dichlorobenzene	6.816	146	444052	38.209	ng	99
13) 1,4-Dichlorobenzene	6.893	146	448633	38.153	ng	99
14) 1,2-Dichlorobenzene	7.045	146	418727	37.807	ng	99
15) Benzyl Alcohol	7.016	79	364909	36.525	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	389497	33.049	ng	98
17) 2-Methylphenol	7.122	107	312878	36.555	ng	99
18) Hexachloroethane	7.387	117	165432	37.518	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	266964	33.620	ng	99
20) 3+4-Methylphenols	7.275	107	402505	36.715	ng	96
22) Acetophenone	7.287	105	552268	37.237	ng	98
24) Nitrobenzene	7.457	77	415092	37.942	ng	97
25) Isophorone	7.692	82	702719	36.124	ng	100
26) 2-Nitrophenol	7.769	139	219318	40.846	ng	99
27) 2,4-Dimethylphenol	7.804	122	280989	38.005	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	444684	36.447	ng	99
29) 2,4-Dichlorophenol	8.010	162	360124	39.242	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	395612	39.118	ng	98
31) Naphthalene	8.181	128	1218411	38.299	ng	100
32) Benzoic acid	7.916	122	257302	39.590	ng	98
33) 4-Chloroaniline	8.228	127	420711	37.462	ng	97
34) Hexachlorobutadiene	8.292	225	261640	39.670	ng	98
35) Caprolactam	8.592	113	104230	37.253	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	381426	37.259	ng	96
37) 2-Methylnaphthalene	8.869	142	807595	37.979	ng	100
38) 1-Methylnaphthalene	8.969	142	782664	38.142	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	418232	38.924	ng	98
41) Hexachlorocyclopentadiene	9.022	237	149876	35.642	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	268181	38.191	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	284279	39.971	ng		97
46) 1,1'-Biphenyl	9.334	154	1015056	37.854	ng		99
47) 2-Chloronaphthalene	9.357	162	766461	38.349	ng		98
48) 2-Nitroaniline	9.451	65	215566	37.251	ng		97
49) Acenaphthylene	9.775	152	1125339	37.942	ng		100
50) Dimethylphthalate	9.634	163	924114	37.393	ng		100
51) 2,6-Dinitrotoluene	9.692	165	202089	39.274	ng		94
52) Acenaphthene	9.945	154	798202	38.296	ng		99
53) 3-Nitroaniline	9.863	138	193742	37.118	ng		97
54) 2,4-Dinitrophenol	9.969	184	101847	38.547	ng	#	49
55) Dibenzofuran	10.116	168	1123145	37.712	ng		99
56) 4-Nitrophenol	10.016	139	146564	37.235	ng		94
57) 2,4-Dinitrotoluene	10.098	165	265981	39.576	ng		95
58) Fluorene	10.463	166	865754	37.695	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	254833	39.376	ng		97
60) Diethylphthalate	10.328	149	918617	37.278	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	446837	37.317	ng		98
62) 4-Nitroaniline	10.475	138	181676	35.752	ng		97
63) Azobenzene	10.610	77	826070	36.056	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	148864	41.328	ng		97
66) n-Nitrosodiphenylamine	10.569	169	730755	37.373	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	294619	38.825	ng		97
68) Hexachlorobenzene	11.010	284	338311	40.650	ng		93
69) Atrazine	11.092	200	246297	41.090	ng		99
70) Pentachlorophenol	11.198	266	208789	40.717	ng		100
71) Phenanthrene	11.422	178	1243190	38.093	ng		99
72) Anthracene	11.475	178	1252218	38.245	ng		99
73) Carbazole	11.628	167	1020033	36.123	ng		100
74) Di-n-butylphthalate	11.957	149	1341741	35.811	ng		99
75) Fluoranthene	12.610	202	1214625	35.085	ng		99
77) Benzidine	12.727	184	171026	36.951	ng		100
78) Pyrene	12.839	202	1198573	41.768	ng		99
80) Butylbenzylphthalate	13.451	149	425748	37.906	ng		99
81) Benzo(a)anthracene	14.027	228	834550	38.337	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	248290	39.468	ng		100
83) Chrysene	14.063	228	751793	38.099	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	554591	35.812	ng		99
85) Di-n-octyl phthalate	14.621	149	833563	38.685	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	724070	34.723	ng		98
88) Benzo(b)fluoranthene	15.074	252	848296	38.396	ng		100
89) Benzo(k)fluoranthene	15.104	252	654042	34.593	ng		100
90) Benzo(a)pyrene	15.445	252	657995	38.063	ng		100
91) Dibenzo(a,h)anthracene	17.010	278	581442	33.794	ng		99
92) Benzo(g,h,i)perylene	17.445	276	584456	34.375	ng		98

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

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