Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141955.D
Acq On : 14 Mar 2025 10:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 14 11:49:43 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	6.881	152	166079	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	610278	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	331331	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	533463	20.000	ng	0.00
76) Chrysene-d12	14.033	240	308679	20.000	ng	0.00
86) Perylene-d12	15.504	264	337055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	754517	75.823	ng	0.00
7) Phenol-d6	6.498	99	932800	73.623	ng	0.00
23) Nitrobenzene-d5	7.440	82	843376	77.771	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	321404	76.463	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1712438	78.601	ng	0.00
79) Terphenyl-d14	12.980	244	1592047	76.253	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	161933	38.837	ng	98
3) Pyridine	3.416	79	387553	37.893	ng	99
4) n-Nitrosodimethylamine	3.369	42	181299	37.187	ng	95
6) Aniline	6.540	93	442112	35.372	ng	100
8) 2-Chlorophenol	6.663	128	411095	37.249	ng	100
9) Benzaldehyde	6.428	77	236526	33.380	ng	99
10) Phenol	6.516	94	485489	36.423	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	360702	36.039	ng	98
12) 1,3-Dichlorobenzene	6.822	146	452924	38.013	ng	99
13) 1,4-Dichlorobenzene	6.898	146	456520	37.868	ng	99
14) 1,2-Dichlorobenzene	7.051	146	429286	37.806	ng	98
15) Benzyl Alcohol	7.016	79	371742	36.293	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	405637	33.571	ng	99
17) 2-Methylphenol	7.122	107	311682	35.519	ng	98
18) Hexachloroethane	7.392	117	168782	37.335	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	272879	33.519	ng	99
20) 3+4-Methylphenols	7.275	107	402695	35.828	ng	98
22) Acetophenone	7.287	105	553898	37.900	ng	99
24) Nitrobenzene	7.457	77	417278	38.706	ng	100
25) Isophorone	7.698	82	694233	36.216	ng	99
26) 2-Nitrophenol	7.775	139	216426	40.904	ng	99
27) 2,4-Dimethylphenol	7.804	122	278494	38.225	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	447226	37.197	ng	100
29) 2,4-Dichlorophenol	8.010	162	346262	38.290	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	394183	39.553	ng	99
31) Naphthalene	8.181	128	1203952	38.405	ng	100
32) Benzoic acid	7.910	122	256795	40.097	ng	99
33) 4-Chloroaniline	8.228	127	404638	36.564	ng	98
34) Hexachlorobutadiene	8.298	225	260425	40.070	ng	99
35) Caprolactam	8.592	113	94901	34.421	ng	95
36) 4-Chloro-3-methylphenol	8.698	107	369617	36.640	ng	100
37) 2-Methylnaphthalene	8.869	142	793436	37.866	ng	99
38) 1-Methylnaphthalene	8.969	142	761745	37.672	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	404525	40.101	ng	99
41) Hexachlorocyclopentadiene	9.022	237	152910	38.732	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	258819	39.258	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	264218	39.571	ng	100
46) 1,1'-Biphenyl	9.334	154	989287	39.296	ng	100
47) 2-Chloronaphthalene	9.357	162	735795	39.213	ng	99
48) 2-Nitroaniline	9.451	65	205184	37.766	ng	98
49) Acenaphthylene	9.775	152	1086833	39.031	ng	100
50) Dimethylphthalate	9.634	163	868421	37.428	ng	100
51) 2,6-Dinitrotoluene	9.692	165	187645	38.842	ng	97
52) Acenaphthene	9.945	154	765020	39.095	ng	100
53) 3-Nitroaniline	9.863	138	180498	36.834	ng	98
54) 2,4-Dinitrophenol	9.963	184	95967	38.664	ng	91
55) Dibenzofuran	10.122	168	1070330	38.279	ng	98
56) 4-Nitrophenol	10.010	139	141859	38.387	ng	97
57) 2,4-Dinitrotoluene	10.092	165	241622	38.294	ng	98
58) Fluorene	10.463	166	810426	37.585	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	230715	37.972	ng	99
60) Diethylphthalate	10.333	149	848681	36.683	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	426796	37.965	ng	99
62) 4-Nitroaniline	10.475	138	167505	35.111	ng	98
63) Azobenzene	10.610	77	781547	36.335	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	132016	41.512	ng	97
66) n-Nitrosodiphenylamine	10.569	169	682151	39.515	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	265693	39.658	ng	97
68) Hexachlorobenzene	11.010	284	295032	40.151	ng	95
69) Atrazine	11.092	200	180753	34.155	ng	98
70) Pentachlorophenol	11.198	266	186141	41.115	ng	99
71) Phenanthrene	11.422	178	1108619	38.475	ng	99
72) Anthracene	11.475	178	1111521	38.450	ng	99
73) Carbazole	11.628	167	923345	37.037	ng	100
74) Di-n-butylphthalate	11.957	149	1163311	35.167	ng	100
75) Fluoranthene	12.610	202	1061956	34.744	ng	99
77) Benzidine	12.727	184	168003	39.010	ng	100
78) Pyrene	12.839	202	1034647	38.749	ng	99
80) Butylbenzylphthalate	13.457	149	356030	34.067	ng	97
81) Benzo(a)anthracene	14.021	228	760060	37.523	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	240033	41.006	ng	99
83) Chrysene	14.057	228	719172	39.168	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	468242	32.495	ng	99
85) Di-n-octyl phthalate	14.627	149	793213	39.563	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	948277	43.492	ng	99
88) Benzo(b)fluoranthene	15.074	252	777480	33.657	ng	99
89) Benzo(k)fluoranthene	15.104	252	726101	36.730	ng	99
90) Benzo(a)pyrene	15.439	252	686598	37.986	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	786551	43.722	ng	99
92) Benzo(g,h,i)perylene	17.439	276	787860	44.318	ng	99

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

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