Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141577.D
Acq On : 12 Feb 2025 09:32
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 12 10:23:15 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	6.792	152	90132	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	340367	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	176708	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	278375	20.000	ng	0.00
76) Chrysene-d12	13.963	240	186637	20.000	ng	0.00
86) Perylene-d12	15.445	264	201194	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	459641	79.949	ng	0.00
7) Phenol-d6	6.434	99	555279	76.417	ng	0.00
23) Nitrobenzene-d5	7.357	82	506676	77.644	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	131613	74.143	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	933438	81.383	ng	0.00
79) Terphenyl-d14	12.898	244	850283	76.910	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.463	88	89789	38.804	ng	99
3) Pyridine	3.199	79	211511	38.413	ng	96
4) n-Nitrosodimethylamine	3.146	42	135983	37.297	ng	98
6) Aniline	6.451	93	225725	33.116	ng	94
8) 2-Chlorophenol	6.581	128	242992	39.115	ng	99
9) Benzaldehyde	6.340	77	133104	34.470	ng	100
10) Phenol	6.445	94	288757	38.180	ng	93
11) bis(2-Chloroethyl)ether	6.528	93	216113	38.044	ng	99
12) 1,3-Dichlorobenzene	6.728	146	259808	39.615	ng	98
13) 1,4-Dichlorobenzene	6.810	146	262245	39.137	ng	98
14) 1,2-Dichlorobenzene	6.963	146	246969	39.712	ng	99
15) Benzyl Alcohol	6.934	79	212372	38.112	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	370626	38.114	ng	100
17) 2-Methylphenol	7.051	107	187540	38.577	ng	98
18) Hexachloroethane	7.298	117	98023	39.528	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	161268	37.103	ng	97
20) 3+4-Methylphenols	7.204	107	230662	37.335	ng	99
22) Acetophenone	7.198	105	326972	38.618	ng	98
24) Nitrobenzene	7.375	77	246035	38.665	ng	99
25) Isophorone	7.610	82	399739	38.418	ng	99
26) 2-Nitrophenol	7.692	139	127925	40.408	ng	94
27) 2,4-Dimethylphenol	7.728	122	148698	40.206	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	265525	39.825	ng	99
29) 2,4-Dichlorophenol	7.939	162	198404	39.704	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	220015	40.431	ng	99
31) Naphthalene	8.092	128	701814	39.612	ng	100
32) Benzoic acid	7.851	122	134626	35.044	ng	98
33) 4-Chloroaniline	8.145	127	208014	33.628	ng	99
34) Hexachlorobutadiene	8.210	225	132130	40.446	ng	99
35) Caprolactam	8.516	113	56374	37.052	ng	92
36) 4-Chloro-3-methylphenol	8.633	107	208015	37.579	ng	98
37) 2-Methylnaphthalene	8.781	142	448446	38.896	ng	99
38) 1-Methylnaphthalene	8.881	142	430308	38.536	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	212081	41.484	ng	99
41) Hexachlorocyclopentadiene	8.933	237	58685	34.512	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	132758	40.179	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	141424	39.493	ng	98
46) 1,1'-Biphenyl	9.245	154	561647	40.997	ng	100
47) 2-Chloronaphthalene	9.275	162	406903	40.166	ng	99
48) 2-Nitroaniline	9.369	65	128747	37.868	ng	99
49) Acenaphthylene	9.686	152	599776	39.804	ng	99
50) Dimethylphthalate	9.551	163	469745	39.158	ng	99
51) 2,6-Dinitrotoluene	9.616	165	102416	39.053	ng	94
52) Acenaphthene	9.857	154	399056	39.393	ng	98
53) 3-Nitroaniline	9.780	138	104872	37.155	ng	100
54) 2,4-Dinitrophenol	9.892	184	53728	34.472	ng	94
55) Dibenzofuran	10.028	168	585919	39.405	ng	100
56) 4-Nitrophenol	9.957	139	70367	33.584	ng	91
57) 2,4-Dinitrotoluene	10.016	165	130961	37.512	ng	97
58) Fluorene	10.375	166	440944	38.353	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	114176	37.034	ng	98
60) Diethylphthalate	10.245	149	446928	37.866	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	217807	39.379	ng	99
62) 4-Nitroaniline	10.392	138	101054	35.259	ng	97
63) Azobenzene	10.527	77	443930	37.834	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	75508	39.048	ng	95
66) n-Nitrosodiphenylamine	10.486	169	375340	42.121	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	130851	42.058	ng	100
68) Hexachlorobenzene	10.922	284	131383	41.010	ng	98
69) Atrazine	11.010	200	94795	35.460	ng	98
70) Pentachlorophenol	11.122	266	74774	36.502	ng	100
71) Phenanthrene	11.333	178	611394	39.900	ng	100
72) Anthracene	11.386	178	616552	40.026	ng	100
73) Carbazole	11.545	167	527937	38.091	ng	100
74) Di-n-butylphthalate	11.874	149	633213	39.567	ng	100
75) Fluoranthene	12.521	202	607465	37.392	ng	99
77) Benzidine	12.651	184	103753	25.206	ng	99
78) Pyrene	12.751	202	613334	38.604	ng	100
80) Butylbenzylphthalate	13.374	149	224368	40.771	ng	97
81) Benzo(a)anthracene	13.951	228	477962	38.525	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	163180	45.916	ng	99
83) Chrysene	13.992	228	467091	40.775	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	299552	48.263	ng	99
85) Di-n-octyl phthalate	14.586	149	516572	58.342	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	560873	45.117	ng	99
88) Benzo(b)fluoranthene	15.027	252	490290	36.293	ng	99
89) Benzo(k)fluoranthene	15.057	252	458003	39.703	ng	98
90) Benzo(a)pyrene	15.386	252	429972	39.334	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	452781	44.949	ng	99
92) Benzo(g,h,i)perylene	17.333	276	481599	45.688	ng	99

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

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