Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141531.D
Acq On : 10 Feb 2025 11:34
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 10 12:30:28 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	91504	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	356056	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	192109	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	313129	20.000	ng	0.00
76) Chrysene-d12	13.963	240	193608	20.000	ng	0.00
86) Perylene-d12	15.439	264	177316	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	467960	80.176	ng	0.00
7) Phenol-d6	6.434	99	573104	77.687	ng	0.00
23) Nitrobenzene-d5	7.357	82	538199	78.840	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	148831	77.122	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	981012	78.674	ng	0.00
79) Terphenyl-d14	12.898	244	970304	84.606	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.469	88	90976	38.728	ng	98
3) Pyridine	3.210	79	221401	39.606	ng	99
4) n-Nitrosodimethylamine	3.157	42	146628	39.614	ng	98
6) Aniline	6.451	93	272486	39.376	ng	90
8) 2-Chlorophenol	6.581	128	246962	39.158	ng	98
9) Benzaldehyde	6.339	77	128088	32.674	ng	100
10) Phenol	6.445	94	298987	38.940	ng	100
11) bis(2-Chloroethyl)ether	6.528	93	225126	39.036	ng	98
12) 1,3-Dichlorobenzene	6.734	146	264114	39.668	ng	99
13) 1,4-Dichlorobenzene	6.810	146	265465	39.023	ng	98
14) 1,2-Dichlorobenzene	6.963	146	252344	39.967	ng	98
15) Benzyl Alcohol	6.934	79	223304	39.473	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	392078	39.715	ng	99
17) 2-Methylphenol	7.051	107	192649	39.034	ng	99
18) Hexachloroethane	7.298	117	102320	40.642	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	170797	38.706	ng	100
20) 3+4-Methylphenols	7.204	107	241913	38.569	ng	96
22) Acetophenone	7.204	105	343898	38.827	ng	98
24) Nitrobenzene	7.375	77	260329	39.108	ng	98
25) Isophorone	7.616	82	424424	38.993	ng	99
26) 2-Nitrophenol	7.692	139	132810	40.102	ng	96
27) 2,4-Dimethylphenol	7.734	122	152895	39.519	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	275268	39.467	ng	99
29) 2,4-Dichlorophenol	7.939	162	205336	39.280	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	226022	39.705	ng	98
31) Naphthalene	8.098	128	734667	39.639	ng	100
32) Benzoic acid	7.857	122	139602	34.738	ng	99
33) 4-Chloroaniline	8.145	127	247243	38.208	ng	99
34) Hexachlorobutadiene	8.210	225	140298	41.054	ng	99
35) Caprolactam	8.516	113	61657	38.739	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	225523	38.947	ng	100
37) 2-Methylnaphthalene	8.786	142	473288	39.242	ng	100
38) 1-Methylnaphthalene	8.886	142	454754	38.931	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	222962	40.116	ng	98
41) Hexachlorocyclopentadiene	8.933	237	68717	37.172	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	143507	39.950	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	152923	39.281	ng	98
46) 1,1'-Biphenyl	9.251	154	588561	39.517	ng	99
47) 2-Chloronaphthalene	9.275	162	439299	39.887	ng	99
48) 2-Nitroaniline	9.375	65	143494	38.822	ng	96
49) Acenaphthylene	9.692	152	643014	39.253	ng	100
50) Dimethylphthalate	9.551	163	510097	39.112	ng	99
51) 2,6-Dinitrotoluene	9.616	165	109011	38.236	ng	98
52) Acenaphthene	9.863	154	430608	39.100	ng	99
53) 3-Nitroaniline	9.786	138	117555	38.310	ng	97
54) 2,4-Dinitrophenol	9.898	184	62096	36.647	ng	95
55) Dibenzofuran	10.033	168	632974	39.157	ng	99
56) 4-Nitrophenol	9.957	139	85776	37.656	ng	98
57) 2,4-Dinitrotoluene	10.022	165	145558	38.351	ng	99
58) Fluorene	10.375	166	489982	39.202	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128800	38.428	ng	97
60) Diethylphthalate	10.251	149	502338	39.149	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	240325	39.967	ng	98
62) 4-Nitroaniline	10.398	138	116557	37.408	ng	100
63) Azobenzene	10.527	77	501802	39.338	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	83522	38.398	ng	95
66) n-Nitrosodiphenylamine	10.486	169	408555	40.759	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	144175	41.197	ng	97
68) Hexachlorobenzene	10.927	284	147297	40.874	ng	99
69) Atrazine	11.016	200	114088	37.940	ng	98
70) Pentachlorophenol	11.122	266	86291	37.449	ng	98
71) Phenanthrene	11.339	178	691100	40.095	ng	100
72) Anthracene	11.392	178	694305	40.071	ng	100
73) Carbazole	11.545	167	608137	39.007	ng	100
74) Di-n-butylphthalate	11.874	149	722112	40.113	ng	100
75) Fluoranthene	12.527	202	700802	38.350	ng	99
77) Benzidine	12.651	184	158992	37.236	ng	100
78) Pyrene	12.757	202	700603	42.509	ng	99
80) Butylbenzylphthalate	13.374	149	242906	42.551	ng	100
81) Benzo(a)anthracene	13.951	228	505085	39.246	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	144386	39.165	ng	97
83) Chrysene	13.986	228	478477	40.265	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	292322	45.402	ng	99
85) Di-n-octyl phthalate	14.574	149	453134	49.334	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	504388	46.037	ng	100
88) Benzo(b)fluoranthene	15.015	252	490636	41.209	ng	99
89) Benzo(k)fluoranthene	15.045	252	359014	35.313	ng	98
90) Benzo(a)pyrene	15.374	252	383923	39.851	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	415551	46.809	ng	98
92) Benzo(g,h,i)perylene	17.327	276	435173	46.843	ng	99

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

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