Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139644.D
Acq On : 04 Oct 2024 09:01
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 04 11:10:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	94914	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	347321	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	190413	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	346153	20.000	ng	0.00
76) Chrysene-d12	14.027	240	196860	20.000	ng	0.00
86) Perylene-d12	15.498	264	223781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	437393	79.873	ng	0.00
7) Phenol-d6	6.498	99	571571	77.615	ng	0.00
23) Nitrobenzene-d5	7.434	82	528283	77.010	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	134079	72.943	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	957407	77.190	ng	0.00
79) Terphenyl-d14	12.974	244	905484	75.472	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	97170	41.043	ng	100
3) Pyridine	3.363	79	242558	42.125	ng	97
4) n-Nitrosodimethylamine	3.322	42	146224	38.797	ng	97
6) Aniline	6.528	93	252095	38.578	ng	99
8) 2-Chlorophenol	6.651	128	230090	39.218	ng	98
9) Benzaldehyde	6.416	77	150380	38.549	ng	98
10) Phenol	6.516	94	304082	39.270	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	227102	36.021	ng	99
12) 1,3-Dichlorobenzene	6.810	146	259385	39.300	ng	99
13) 1,4-Dichlorobenzene	6.887	146	261087	39.058	ng	100
14) 1,2-Dichlorobenzene	7.040	146	244153	38.971	ng	99
15) Benzyl Alcohol	7.010	79	212583	37.781	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	408335	37.411	ng	99
17) 2-Methylphenol	7.122	107	189825	38.756	ng	98
18) Hexachloroethane	7.375	117	96634	38.757	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	171220	36.164	ng	99
20) 3+4-Methylphenols	7.275	107	231832	37.684	ng	99
22) Acetophenone	7.275	105	315045	38.214	ng	99
24) Nitrobenzene	7.451	77	278494	39.205	ng	99
25) Isophorone	7.687	82	457227	37.527	ng	99
26) 2-Nitrophenol	7.763	139	121199	39.688	ng	98
27) 2,4-Dimethylphenol	7.798	122	143294	38.330	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	275600	37.880	ng	99
29) 2,4-Dichlorophenol	8.010	162	187111	38.372	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	214636	38.922	ng	99
31) Naphthalene	8.169	128	689495	38.827	ng	100
32) Benzoic acid	7.916	122	144668	38.917	ng	99
33) 4-Chloroaniline	8.222	127	230738	38.386	ng	98
34) Hexachlorobutadiene	8.287	225	139178	39.000	ng	100
35) Caprolactam	8.592	113	60596	37.888	ng	93
36) 4-Chloro-3-methylphenol	8.698	107	207444	37.581	ng	99
37) 2-Methylnaphthalene	8.863	142	432084	37.359	ng	99
38) 1-Methylnaphthalene	8.957	142	424370	37.538	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	205631	38.890	ng	99
41) Hexachlorocyclopentadiene	9.010	237	57618	35.538	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	133895	37.564	ng	98

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	148458	38.621	ng	99
46) 1,1'-Biphenyl	9.322	154	548938	38.761	ng	100
47) 2-Chloronaphthalene	9.351	162	418189	39.388	ng	98
48) 2-Nitroaniline	9.445	65	148801	39.043	ng	99
49) Acenaphthylene	9.763	152	632167	39.153	ng	100
50) Dimethylphthalate	9.628	163	471523	37.829	ng	100
51) 2,6-Dinitrotoluene	9.686	165	109907	39.034	ng	97
52) Acenaphthene	9.939	154	417402	37.657	ng	99
53) 3-Nitroaniline	9.857	138	112544	39.113	ng	98
54) 2,4-Dinitrophenol	9.963	184	52728	34.816	ng	98
55) Dibenzofuran	10.110	168	598107	38.539	ng	98
56) 4-Nitrophenol	10.016	139	81766	37.263	ng	97
57) 2,4-Dinitrotoluene	10.092	165	144651	39.302	ng	97
58) Fluorene	10.451	166	468340	37.888	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	117484	37.841	ng	99
60) Diethylphthalate	10.322	149	481421	37.393	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	232679	37.625	ng	98
62) 4-Nitroaniline	10.469	138	115773	39.335	ng	98
63) Azobenzene	10.604	77	489681	37.821	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	75077	38.402	ng	100
66) n-Nitrosodiphenylamine	10.563	169	402883	39.485	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	135899	38.291	ng	99
68) Hexachlorobenzene	10.998	284	150507	38.216	ng	97
69) Atrazine	11.086	200	81470	29.760	ng	99
70) Pentachlorophenol	11.192	266	87482	37.305	ng	99
71) Phenanthrene	11.416	178	630451	38.627	ng	100
72) Anthracene	11.463	178	618856	38.327	ng	100
73) Carbazole	11.622	167	594478	38.333	ng	100
74) Di-n-butylphthalate	11.945	149	726282	38.512	ng	99
75) Fluoranthene	12.598	202	666914	37.380	ng	99
77) Benzidine	12.722	184	168511	48.529	ng	99
78) Pyrene	12.833	202	668649	37.976	ng	100
80) Butylbenzylphthalate	13.445	149	255654	40.594	ng	98
81) Benzo(a)anthracene	14.016	228	517050	39.949	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	172431	43.531	ng	100
83) Chrysene	14.057	228	448924	37.938	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	344389	43.792	ng	99
85) Di-n-octyl phthalate	14.616	149	539911	46.732	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	556196	42.228	ng	99
88) Benzo(b)fluoranthene	15.068	252	490410	33.893	ng	100
89) Benzo(k)fluoranthene	15.098	252	477719	38.922	ng	100
90) Benzo(a)pyrene	15.433	252	437185	38.319	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	461108	42.209	ng	98
92) Benzo(g,h,i)perylene	17.415	276	460611	42.041	ng	99

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

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