Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139293.D
Acq On : 10 Sep 2024 11:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 10 12:33:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	134947	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	498114	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	275982	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	516208	20.000	ng	0.00
76) Chrysene-d12	14.051	240	267930	20.000	ng	0.00
86) Perylene-d12	15.527	264	233637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	599050	74.261	ng	0.00
7) Phenol-d6	6.516	99	807076	74.944	ng	0.00
23) Nitrobenzene-d5	7.451	82	733453	76.601	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	192990	80.981	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1315120	73.558	ng	0.00
79) Terphenyl-d14	12.998	244	1272843	76.703	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	132219	35.197	ng	98
3) Pyridine	3.440	79	330192	36.413	ng	98
4) n-Nitrosodimethylamine	3.398	42	212965	36.166	ng	99
6) Aniline	6.551	93	368552	37.217	ng	100
8) 2-Chlorophenol	6.675	128	317443	37.971	ng	98
9) Benzaldehyde	6.439	77	221573	33.990	ng	100
10) Phenol	6.534	94	424497	37.371	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	306782	37.698	ng	98
12) 1,3-Dichlorobenzene	6.828	146	352379	37.238	ng	99
13) 1,4-Dichlorobenzene	6.904	146	352971	37.267	ng	99
14) 1,2-Dichlorobenzene	7.063	146	332800	37.674	ng	99
15) Benzyl Alcohol	7.028	79	304021	38.711	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	562815	36.330	ng	98
17) 2-Methylphenol	7.139	107	256974	37.629	ng	99
18) Hexachloroethane	7.404	117	128504	37.988	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	235331	37.942	ng	99
20) 3+4-Methylphenols	7.292	107	327778	38.084	ng	98
22) Acetophenone	7.298	105	442279	37.270	ng	100
24) Nitrobenzene	7.475	77	382530	37.641	ng	99
25) Isophorone	7.710	82	621431	37.962	ng	100
26) 2-Nitrophenol	7.786	139	166138	41.623	ng	99
27) 2,4-Dimethylphenol	7.822	122	218579	38.397	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	365611	37.487	ng	100
29) 2,4-Dichlorophenol	8.028	162	264668	38.830	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	299824	38.515	ng	99
31) Naphthalene	8.192	128	938389	37.201	ng	99
32) Benzoic acid	7.928	122	199302	38.437	ng	99
33) 4-Chloroaniline	8.239	127	325329	37.247	ng	99
34) Hexachlorobutadiene	8.310	225	189456	38.408	ng	99
35) Caprolactam	8.616	113	83687	39.660	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	293291	39.487	ng	99
37) 2-Methylnaphthalene	8.886	142	599245	37.970	ng	99
38) 1-Methylnaphthalene	8.986	142	584923	37.684	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	286834	36.735	ng	100
41) Hexachlorocyclopentadiene	9.033	237	101625	40.498	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	200344	39.215	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	202111	37.752	ng	99
46) 1,1'-Biphenyl	9.351	154	750422	36.700	ng	100
47) 2-Chloronaphthalene	9.374	162	578456	37.465	ng	99
48) 2-Nitroaniline	9.469	65	208906	39.282	ng	100
49) Acenaphthylene	9.786	152	870358	37.428	ng	100
50) Dimethylphthalate	9.651	163	639288	38.218	ng	99
51) 2,6-Dinitrotoluene	9.710	165	151939	40.039	ng	98
52) Acenaphthene	9.963	154	585634	37.969	ng	99
53) 3-Nitroaniline	9.880	138	158608	39.229	ng	100
54) 2,4-Dinitrophenol	9.980	184	73087	40.828	ng	89
55) Dibenzofuran	10.133	168	832448	37.645	ng	100
56) 4-Nitrophenol	10.033	139	123242	41.298	ng	97
57) 2,4-Dinitrotoluene	10.110	165	201463	41.711	ng	98
58) Fluorene	10.474	166	647571	37.771	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	162358	38.526	ng	100
60) Diethylphthalate	10.345	149	651572	39.582	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	311881	37.721	ng	99
62) 4-Nitroaniline	10.492	138	158309	41.134	ng	99
63) Azobenzene	10.627	77	660048	38.044	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	100866	42.289	ng	98
66) n-Nitrosodiphenylamine	10.586	169	551931	36.731	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	187971	37.531	ng	99
68) Hexachlorobenzene	11.021	284	214295	37.376	ng	100
69) Atrazine	11.110	200	116449	33.591	ng	99
70) Pentachlorophenol	11.210	266	136778	41.298	ng	98
71) Phenanthrene	11.439	178	886825	36.775	ng	100
72) Anthracene	11.492	178	878502	37.292	ng	100
73) Carbazole	11.645	167	855376	38.850	ng	100
74) Di-n-butylphthalate	11.974	149	942983	41.829	ng	100
75) Fluoranthene	12.627	202	972023	40.205	ng	99
77) Benzidine	12.745	184	268536	49.776	ng	98
78) Pyrene	12.857	202	983330	37.992	ng	100
80) Butylbenzylphthalate	13.474	149	308921	50.701	ng	97
81) Benzo(a)anthracene	14.039	228	633711	37.041	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	178744	39.340	ng	99
83) Chrysene	14.080	228	614854	38.506	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	330556	46.222	ng	98
85) Di-n-octyl phthalate	14.645	149	491424	35.892	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	570095	39.059	ng	98
88) Benzo(b)fluoranthene	15.092	252	546438	40.612	ng	99
89) Benzo(k)fluoranthene	15.121	252	458758	38.027	ng	100
90) Benzo(a)pyrene	15.462	252	442792	38.756	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	470127	39.085	ng	98
92) Benzo(g,h,i)perylene	17.456	276	482142	38.833	ng	98

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

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