Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140222.D
Acq On : 04 Nov 2024 16:30
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110424

Quant Time: Nov 04 17:14:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 17:12:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	221652	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	813997	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	473464	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	847494	20.000	ng	0.00
76) Chrysene-d12	14.057	240	518552	20.000	ng	0.00
86) Perylene-d12	15.545	264	488361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	995612	76.112	ng	0.00
7) Phenol-d6	6.504	99	1254226	74.725	ng	0.00
23) Nitrobenzene-d5	7.440	82	1193567	74.179	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	424674	81.350	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2292943	75.698	ng	0.00
79) Terphenyl-d14	12.992	244	2552131	78.524	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	217908	37.739	ng	95
3) Pyridine	3.428	79	541305	38.166	ng	96
4) n-Nitrosodimethylamine	3.387	42	277990	34.990	ng	93
6) Aniline	6.540	93	573840	39.169	ng	99
8) 2-Chlorophenol	6.663	128	529483	38.401	ng	96
9) Benzaldehyde	6.428	77	394089	36.136	ng	96
10) Phenol	6.516	94	674091	37.761	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	512011	37.306	ng	98
12) 1,3-Dichlorobenzene	6.822	146	617261	37.917	ng	98
13) 1,4-Dichlorobenzene	6.898	146	620881	37.754	ng	100
14) 1,2-Dichlorobenzene	7.051	146	579045	37.677	ng	99
15) Benzyl Alcohol	7.016	79	488792	37.179	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	698104	35.342	ng	99
17) 2-Methylphenol	7.128	107	424956	38.079	ng	98
18) Hexachloroethane	7.393	117	231794	37.859	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	391512	35.724	ng	96
20) 3+4-Methylphenols	7.281	107	542878	37.805	ng	97
22) Acetophenone	7.287	105	740893	37.137	ng	96
24) Nitrobenzene	7.463	77	617519	36.762	ng	98
25) Isophorone	7.698	82	1022303	37.401	ng	99
26) 2-Nitrophenol	7.775	139	272136	41.280	ng	95
27) 2,4-Dimethylphenol	7.804	122	355861	39.414	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	623998	37.889	ng	100
29) 2,4-Dichlorophenol	8.010	162	455829	39.922	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	541620	38.635	ng	98
31) Naphthalene	8.181	128	1577143	38.433	ng	99
32) Benzoic acid	7.922	122	316123	44.034	ng	97
33) 4-Chloroaniline	8.228	127	522678	38.431	ng	98
34) Hexachlorobutadiene	8.298	225	377989	38.853	ng	99
35) Caprolactam	8.604	113	133396	39.373	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	475621	38.250	ng	99
37) 2-Methylnaphthalene	8.869	142	1038199	37.911	ng	99
38) 1-Methylnaphthalene	8.969	142	1019408	38.030	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	571296	39.094	ng	99
41) Hexachlorocyclopentadiene	9.022	237	170360	42.507	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	362972	40.677	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	367215	39.387	ng	99
46) 1,1'-Biphenyl	9.334	154	1303171	37.919	ng	100
47) 2-Chloronaphthalene	9.363	162	1011538	38.792	ng	98
48) 2-Nitroaniline	9.457	65	300546	37.081	ng	91
49) Acenaphthylene	9.781	152	1411091	38.450	ng	100
50) Dimethylphthalate	9.639	163	1115448	38.418	ng	100
51) 2,6-Dinitrotoluene	9.698	165	273920	39.590	ng	94
52) Acenaphthene	9.951	154	1004850	38.413	ng	99
53) 3-Nitroaniline	9.869	138	250044	39.605	ng	97
54) 2,4-Dinitrophenol	9.975	184	123977	39.148	ng	96
55) Dibenzofuran	10.122	168	1405962	38.050	ng	99
56) 4-Nitrophenol	10.022	139	189008	40.458	ng	95
57) 2,4-Dinitrotoluene	10.104	165	358505	39.582	ng	95
58) Fluorene	10.469	166	1109968	37.564	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	314200	40.675	ng	97
60) Diethylphthalate	10.339	149	1131207	38.245	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	584377	38.434	ng	98
62) 4-Nitroaniline	10.486	138	253958	39.567	ng	96
63) Azobenzene	10.622	77	1096474	36.558	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	184673	41.617	ng	96
66) n-Nitrosodiphenylamine	10.581	169	934655	38.288	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	377774	39.582	ng	97
68) Hexachlorobenzene	11.016	284	425020	39.460	ng	99
69) Atrazine	11.104	200	280364	41.052	ng	99
70) Pentachlorophenol	11.210	266	248191	43.268	ng	99
71) Phenanthrene	11.433	178	1560242	37.872	ng	100
72) Anthracene	11.480	178	1526740	37.815	ng	100
73) Carbazole	11.639	167	1377196	37.610	ng	99
74) Di-n-butylphthalate	11.969	149	1650671	38.436	ng	100
75) Fluoranthene	12.622	202	1669769	37.839	ng	100
77) Benzidine	12.745	184	505137	56.158	ng	99
78) Pyrene	12.851	202	1672133	39.265	ng	100
80) Butylbenzylphthalate	13.469	149	606309	40.595	ng	97
81) Benzo(a)anthracene	14.045	228	1323931	38.926	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	419453	40.877	ng	99
83) Chrysene	14.080	228	1196732	38.252	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	834555	40.176	ng	100
85) Di-n-octyl phthalate	14.657	149	1248530	40.532	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	1259063	40.960	ng	99
88) Benzo(b)fluoranthene	15.110	252	1115122	36.201	ng	99
89) Benzo(k)fluoranthene	15.139	252	942925	34.351	ng	100
90) Benzo(a)pyrene	15.480	252	976618	39.336	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	1036787	41.415	ng	100
92) Benzo(g,h,i)perylene	17.515	276	1051075	41.120	ng	99

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

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