Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
Data File : BF139242.D
Acq On : 04 Sep 2024 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF090424

Quant Time: Sep 04 17:14:24 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	6.892	152	122715	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	447360	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	238718	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	440188	20.000	ng	0.00
76) Chrysene-d12	14.051	240	206743	20.000	ng	0.00
86) Perylene-d12	15.527	264	226148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	575312	78.427	ng	0.00
7) Phenol-d6	6.516	99	764878	78.105	ng	0.00
23) Nitrobenzene-d5	7.451	82	690124	80.253	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	169796	82.371	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1194714	77.255	ng	0.00
79) Terphenyl-d14	12.998	244	1015384	79.297	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	130769	38.280	ng	97
3) Pyridine	3.422	79	326413	39.585	ng	99
4) n-Nitrosodimethylamine	3.381	42	211792	39.552	ng	99
6) Aniline	6.551	93	355640	39.492	ng	99
8) 2-Chlorophenol	6.675	128	295661	38.890	ng	98
9) Benzaldehyde	6.439	77	231757	39.096	ng	99
10) Phenol	6.528	94	410192	39.711	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	284496	38.444	ng	99
12) 1,3-Dichlorobenzene	6.828	146	337086	39.173	ng	98
13) 1,4-Dichlorobenzene	6.910	146	336090	39.022	ng	100
14) 1,2-Dichlorobenzene	7.063	146	314213	39.116	ng	99
15) Benzyl Alcohol	7.028	79	283581	39.708	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	552214	39.199	ng	100
17) 2-Methylphenol	7.139	107	242843	39.105	ng	99
18) Hexachloroethane	7.404	117	122536	39.834	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	219037	38.836	ng	100
20) 3+4-Methylphenols	7.292	107	306193	39.122	ng	97
22) Acetophenone	7.298	105	416842	39.112	ng	99
24) Nitrobenzene	7.475	77	355703	38.972	ng	99
25) Isophorone	7.710	82	579916	39.445	ng	99
26) 2-Nitrophenol	7.786	139	151885	42.369	ng	99
27) 2,4-Dimethylphenol	7.822	122	205241	40.144	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	342856	39.142	ng	99
29) 2,4-Dichlorophenol	8.028	162	242517	39.617	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	274685	39.289	ng	99
31) Naphthalene	8.198	128	885739	39.097	ng	100
32) Benzoic acid	7.928	122	193496	41.551	ng	99
33) 4-Chloroaniline	8.239	127	311241	39.677	ng	99
34) Hexachlorobutadiene	8.310	225	173065	39.065	ng	99
35) Caprolactam	8.610	113	76701	40.473	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	263893	39.560	ng	99
37) 2-Methylnaphthalene	8.886	142	552556	38.984	ng	99
38) 1-Methylnaphthalene	8.986	142	541182	38.822	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	266045	39.391	ng	98
41) Hexachlorocyclopentadiene	9.039	237	89045	41.024	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	179733	40.672	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	185951	40.155	ng	100
46) 1,1'-Biphenyl	9.351	154	692644	39.162	ng	100
47) 2-Chloronaphthalene	9.375	162	529997	39.685	ng	99
48) 2-Nitroaniline	9.469	65	190246	41.358	ng	99
49) Acenaphthylene	9.792	152	796683	39.607	ng	100
50) Dimethylphthalate	9.651	163	572932	39.598	ng	99
51) 2,6-Dinitrotoluene	9.710	165	133095	40.548	ng	98
52) Acenaphthene	9.963	154	528580	39.620	ng	98
53) 3-Nitroaniline	9.880	138	143416	41.009	ng	100
54) 2,4-Dinitrophenol	9.980	184	60803	39.555	ng	96
55) Dibenzofuran	10.133	168	754486	39.445	ng	100
56) 4-Nitrophenol	10.027	139	109441	42.399	ng	98
57) 2,4-Dinitrotoluene	10.110	165	178309	42.680	ng	100
58) Fluorene	10.475	166	586335	39.538	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	150844	41.382	ng	98
60) Diethylphthalate	10.351	149	574862	40.373	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	281211	39.321	ng	98
62) 4-Nitroaniline	10.492	138	140281	42.140	ng	98
63) Azobenzene	10.627	77	595485	39.680	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	83846	41.224	ng	99
66) n-Nitrosodiphenylamine	10.586	169	493204	38.492	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	167586	39.239	ng	96
68) Hexachlorobenzene	11.022	284	188782	38.612	ng	99
69) Atrazine	11.110	200	110343	37.326	ng	97
70) Pentachlorophenol	11.216	266	118514	41.963	ng	97
71) Phenanthrene	11.439	178	796405	38.729	ng	100
72) Anthracene	11.492	178	779933	38.826	ng	100
73) Carbazole	11.645	167	740150	39.422	ng	99
74) Di-n-butylphthalate	11.974	149	783892	40.777	ng	100
75) Fluoranthene	12.627	202	803269	38.963	ng	100
77) Benzidine	12.751	184	200831	48.244	ng	100
78) Pyrene	12.857	202	795285	39.821	ng	99
80) Butylbenzylphthalate	13.474	149	202169	43.001	ng	100
81) Benzo(a)anthracene	14.039	228	536785	40.661	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	153837	43.879	ng	99
83) Chrysene	14.080	228	476777	38.696	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	236907	42.931	ng	99
85) Di-n-octyl phthalate	14.651	149	444297	42.053	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	554954	39.281	ng	99
88) Benzo(b)fluoranthene	15.098	252	513472	39.426	ng	99
89) Benzo(k)fluoranthene	15.127	252	470676	40.306	ng	100
90) Benzo(a)pyrene	15.468	252	440770	39.856	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	457713	39.313	ng	99
92) Benzo(g,h,i)perylene	17.462	276	461872	38.432	ng	99

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

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