Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140725.D
Acq On : 04 Dec 2024 13:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 04 13:55:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	100609	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	390070	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	226870	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	425052	20.000	ng	0.00
76) Chrysene-d12	14.062	240	256058	20.000	ng	0.01
86) Perylene-d12	15.580	264	199884	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	439790	74.583	ng	0.00
7) Phenol-d6	6.522	99	597410	76.635	ng	0.00
23) Nitrobenzene-d5	7.445	82	575025	75.404	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	192880	79.493	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1179849	77.485	ng	0.00
79) Terphenyl-d14	12.992	244	1251763	76.122	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	89213	35.984	ng	99
3) Pyridine	3.422	79	213954	39.223	ng	100
4) n-Nitrosodimethylamine	3.381	42	114572	35.737	ng	95
6) Aniline	6.545	93	243995	44.469	ng	91
8) 2-Chlorophenol	6.669	128	242996	38.304	ng	97
9) Benzaldehyde	6.434	77	161298	39.085	ng	100
10) Phenol	6.534	94	308449	38.744	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	238455	39.142	ng	99
12) 1,3-Dichlorobenzene	6.816	146	273913	38.426	ng	98
13) 1,4-Dichlorobenzene	6.892	146	276770	38.346	ng	99
14) 1,2-Dichlorobenzene	7.051	146	264582	39.121	ng	99
15) Benzyl Alcohol	7.022	79	229144	39.637	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	286607	39.822	ng	99
17) 2-Methylphenol	7.139	107	198222	39.034	ng	98
18) Hexachloroethane	7.386	117	104252	38.673	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	187182	40.629	ng	97
20) 3+4-Methylphenols	7.292	107	259193	39.709	ng	97
22) Acetophenone	7.286	105	359530	37.807	ng	98
24) Nitrobenzene	7.463	77	292923	37.165	ng	98
25) Isophorone	7.698	82	506290	39.804	ng	99
26) 2-Nitrophenol	7.775	139	138812	39.742	ng	99
27) 2,4-Dimethylphenol	7.816	122	171631m	41.069	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	308069	39.757	ng	100
29) 2,4-Dichlorophenol	8.028	162	221368	39.976	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	246981	39.063	ng	99
31) Naphthalene	8.181	128	777258	38.685	ng	100
32) Benzoic acid	7.969	122	165324	45.841	ng	99
33) 4-Chloroaniline	8.233	127	231794	38.532	ng	99
34) Hexachlorobutadiene	8.292	225	166337	39.719	ng	99
35) Caprolactam	8.616	113	66485	38.796	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	246887	39.820	ng	99
37) 2-Methylnaphthalene	8.869	142	511633	40.092	ng	99
38) 1-Methylnaphthalene	8.969	142	499102	39.900	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	255164	38.419	ng	99
41) Hexachlorocyclopentadiene	9.022	237	70428	50.168	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	161289	38.701	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	176355	38.991	ng	97
46) 1,1'-Biphenyl	9.333	154	654931	38.666	ng	99
47) 2-Chloronaphthalene	9.363	162	495165	38.581	ng	99
48) 2-Nitroaniline	9.463	65	156734	38.046	ng	98
49) Acenaphthylene	9.780	152	737784	38.046	ng	100
50) Dimethylphthalate	9.633	163	595527	39.857	ng	100
51) 2,6-Dinitrotoluene	9.704	165	135664	40.035	ng	96
52) Acenaphthene	9.951	154	471459	38.263	ng	100
53) 3-Nitroaniline	9.880	138	128863	38.881	ng	95
54) 2,4-Dinitrophenol	9.992	184	90770	54.486	ng	98
55) Dibenzofuran	10.122	168	708403	37.692	ng	99
56) 4-Nitrophenol	10.051	139	75043	33.200	ng	95
57) 2,4-Dinitrotoluene	10.116	165	171392	38.056	ng	93
58) Fluorene	10.469	166	585233	38.794	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	142689	41.049	ng	94
60) Diethylphthalate	10.333	149	608517	40.084	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	297699	40.211	ng	97
62) 4-Nitroaniline	10.498	138	133269	38.339	ng	94
63) Azobenzene	10.616	77	562432	39.122	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	100293	46.175	ng	96
66) n-Nitrosodiphenylamine	10.574	169	489449	38.938	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	177622	40.577	ng	98
68) Hexachlorobenzene	11.016	284	198810	39.224	ng	98
69) Atrazine	11.104	200	112703	31.872	ng	98
70) Pentachlorophenol	11.222	266	84315	37.796	ng	100
71) Phenanthrene	11.433	178	777846	38.070	ng	100
72) Anthracene	11.486	178	772513	38.652	ng	100
73) Carbazole	11.639	167	733389	38.144	ng	99
74) Di-n-butylphthalate	11.957	149	931414	41.961	ng	99
75) Fluoranthene	12.621	202	869033	39.174	ng	99
77) Benzidine	12.745	184	307244	41.270	ng	99
78) Pyrene	12.857	202	875305	36.970	ng	99
80) Butylbenzylphthalate	13.463	149	344843	40.432	ng	98
81) Benzo(a)anthracene	14.051	228	668102	39.416	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	206266	40.531	ng	98
83) Chrysene	14.092	228	588738	37.986	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	445997	41.413	ng	99
85) Di-n-octyl phthalate	14.662	149	590863	40.146	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	492661	37.821	ng	99
88) Benzo(b)fluoranthene	15.139	252	481047	38.315	ng	99
89) Benzo(k)fluoranthene	15.168	252	463118	42.153	ng	99
90) Benzo(a)pyrene	15.515	252	406036	39.775	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	409361	38.373	ng	99
92) Benzo(g,h,i)perylene	17.568	276	412425	37.886	ng	99

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

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