Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139763.D
Acq On : 11 Oct 2024 09:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 14 02:30:57 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	116312	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	428473	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	238660	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	417534	20.000	ng	0.00
76) Chrysene-d12	14.033	240	208861	20.000	ng	0.00
86) Perylene-d12	15.504	264	202126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	541850	80.745	ng	0.00
7) Phenol-d6	6.504	99	710684	78.752	ng	0.00
23) Nitrobenzene-d5	7.434	82	651465	76.980	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	163444	70.943	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1158075	74.493	ng	0.00
79) Terphenyl-d14	12.974	244	1011548	79.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	117325	40.439	ng	98
3) Pyridine	3.375	79	293619	41.612	ng	96
4) n-Nitrosodimethylamine	3.346	42	174243	37.726	ng	91
6) Aniline	6.534	93	298929	37.329	ng	97
8) 2-Chlorophenol	6.657	128	284407	39.558	ng	98
9) Benzaldehyde	6.422	77	184828	38.663	ng	97
10) Phenol	6.522	94	377069	39.737	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	283090	36.640	ng	100
12) 1,3-Dichlorobenzene	6.810	146	319332	39.482	ng	99
13) 1,4-Dichlorobenzene	6.887	146	322627	39.385	ng	99
14) 1,2-Dichlorobenzene	7.040	146	296652	38.640	ng	100
15) Benzyl Alcohol	7.010	79	259554	37.643	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	490289	36.656	ng	88
17) 2-Methylphenol	7.128	107	233253	38.862	ng	99
18) Hexachloroethane	7.381	117	117565	38.477	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	208212	35.887	ng	99
20) 3+4-Methylphenols	7.281	107	286841	38.048	ng	98
22) Acetophenone	7.281	105	387228	38.073	ng	96
24) Nitrobenzene	7.451	77	339487	38.740	ng	99
25) Isophorone	7.692	82	567830	37.778	ng	99
26) 2-Nitrophenol	7.769	139	152642	40.518	ng	97
27) 2,4-Dimethylphenol	7.804	122	179772	38.980	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	343052	38.221	ng	100
29) 2,4-Dichlorophenol	8.010	162	237540	39.488	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	269627	39.634	ng	99
31) Naphthalene	8.175	128	855329	39.043	ng	100
32) Benzoic acid	7.939	122	183073	39.921	ng	98
33) 4-Chloroaniline	8.222	127	272473	36.744	ng	99
34) Hexachlorobutadiene	8.287	225	168959	38.378	ng	100
35) Caprolactam	8.598	113	75498	38.265	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	254159	37.324	ng	99
37) 2-Methylnaphthalene	8.863	142	535570	37.536	ng	99
38) 1-Methylnaphthalene	8.963	142	527552	37.826	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	257321	38.828	ng	99
41) Hexachlorocyclopentadiene	9.010	237	102297	50.341	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	167226	37.431	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	182386	37.855	ng	99
46) 1,1'-Biphenyl	9.328	154	668673	37.670	ng	99
47) 2-Chloronaphthalene	9.351	162	519536	39.042	ng	99
48) 2-Nitroaniline	9.451	65	177763	37.213	ng	96
49) Acenaphthylene	9.769	152	764779	37.790	ng	100
50) Dimethylphthalate	9.628	163	582206	37.266	ng	100
51) 2,6-Dinitrotoluene	9.692	165	132827	37.637	ng	94
52) Acenaphthene	9.939	154	520480	37.464	ng	99
53) 3-Nitroaniline	9.863	138	130888	36.292	ng	95
54) 2,4-Dinitrophenol	9.969	184	61702	32.506	ng	98
55) Dibenzofuran	10.110	168	721121	37.072	ng	99
56) 4-Nitrophenol	10.028	139	91537	33.283	ng	92
57) 2,4-Dinitrotoluene	10.098	165	170327	36.923	ng	99
58) Fluorene	10.451	166	573557	37.020	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	142062	36.507	ng	95
60) Diethylphthalate	10.322	149	579188	35.893	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	284891	36.755	ng	95
62) 4-Nitroaniline	10.475	138	131903	35.756	ng	97
63) Azobenzene	10.604	77	587022	36.173	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	91001	38.590	ng	97
66) n-Nitrosodiphenylamine	10.563	169	487673	39.624	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	165965	38.768	ng	97
68) Hexachlorobenzene	10.998	284	186463	39.252	ng	98
69) Atrazine	11.092	200	117207	35.495	ng	99
70) Pentachlorophenol	11.198	266	96241	34.024	ng	99
71) Phenanthrene	11.416	178	751033	38.149	ng	100
72) Anthracene	11.469	178	750141	38.515	ng	100
73) Carbazole	11.622	167	704956	37.686	ng	100
74) Di-n-butylphthalate	11.951	149	823950	36.222	ng	99
75) Fluoranthene	12.604	202	775124	36.017	ng	100
77) Benzidine	12.727	184	139409	37.841	ng	99
78) Pyrene	12.833	202	767973	41.111	ng	99
80) Butylbenzylphthalate	13.445	149	258916	38.750	ng	100
81) Benzo(a)anthracene	14.021	228	529824	38.584	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	166371	39.588	ng	99
83) Chrysene	14.057	228	490473	39.068	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	338510	40.572	ng	100
85) Di-n-octyl phthalate	14.616	149	506570	41.327	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	538653	45.278	ng	99
88) Benzo(b)fluoranthene	15.074	252	457461	35.003	ng	99
89) Benzo(k)fluoranthene	15.104	252	437468	39.461	ng	99
90) Benzo(a)pyrene	15.439	252	405191	39.320	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	447439	45.346	ng	99
92) Benzo(g,h,i)perylene	17.433	276	460948	46.580	ng	99

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

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