Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
Data File : BF135576.D
Acq On : 04 Oct 2023 18:30
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 04 23:21:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	132442	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	518179	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	261498	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	505304	20.000	ng		0.00
76) Chrysene-d12	13.927	240	245004	20.000	ng		0.00
86) Perylene-d12	15.386	264	269738	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	638409	78.399	ng		0.00
7) Phenol-d6	6.392	99	787621	76.067	ng		0.00
23) Nitrobenzene-d5	7.310	82	720711	75.564	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	189377	72.875	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1254332	72.369	ng		0.00
79) Terphenyl-d14	12.863	244	1277442	80.826	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.416	88	157471	44.113	ng		95
3) Pyridine	3.157	79	398687	41.497	ng		98
4) n-Nitrosodimethylamine	3.128	42	207577	40.715	ng		99
6) Aniline	6.410	93	515742	37.984	ng	#	82
8) 2-Chlorophenol	6.528	128	336736	38.738	ng		100
9) Benzaldehyde	6.298	77	202108	34.263	ng		99
10) Phenol	6.404	94	431090	37.968	ng		81
11) bis(2-Chloroethyl)ether	6.481	93	345187	40.531	ng		99
12) 1,3-Dichlorobenzene	6.681	146	335958	38.029	ng		97
13) 1,4-Dichlorobenzene	6.757	146	340315	37.863	ng		98
14) 1,2-Dichlorobenzene	6.910	146	307578	36.850	ng		96
15) Benzyl Alcohol	6.892	79	248199	33.404	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	623237	38.823	ng		79
17) 2-Methylphenol	7.004	107	290419	37.859	ng		97
18) Hexachloroethane	7.239	117	126691	38.148	ng		88
19) n-Nitroso-di-n-propyla...	7.157	70	237484	37.029	ng		94
20) 3+4-Methylphenols	7.163	107	355482	38.538	ng	#	75
22) Acetophenone	7.151	105	451251	38.090	ng		93
24) Nitrobenzene	7.328	77	369531	39.199	ng		99
25) Isophorone	7.563	82	704650	40.234	ng		97
26) 2-Nitrophenol	7.639	139	186021	41.114	ng		99
27) 2,4-Dimethylphenol	7.686	122	305858	40.217	ng		96
28) bis(2-Chloroethoxy)met...	7.775	93	427087	40.743	ng		100
29) 2,4-Dichlorophenol	7.886	162	280380	39.787	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	283892	38.542	ng		99
31) Naphthalene	8.039	128	990796	39.354	ng		100
32) Benzoic acid	7.828	122	208089	36.337	ng		99
33) 4-Chloroaniline	8.098	127	449249	40.670	ng		99
34) Hexachlorobutadiene	8.151	225	164337	37.001	ng		99
35) Caprolactam	8.475	113	99593	42.110	ng		95
36) 4-Chloro-3-methylphenol	8.592	107	305978	39.067	ng		94
37) 2-Methylnaphthalene	8.733	142	650510	38.438	ng		99
38) 1-Methylnaphthalene	8.828	142	599873	37.860	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	294203	38.834	ng		99
41) Hexachlorocyclopentadiene	8.880	237	173207	54.482	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	188444	37.991	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	220575	38.614	ng		97
46) 1,1'-Biphenyl	9.198	154	793292	39.476	ng		98
47) 2-Chloronaphthalene	9.222	162	573817	39.355	ng		99
48) 2-Nitroaniline	9.333	65	236975	41.835	ng		98
49) Acenaphthylene	9.639	152	920010	37.967	ng		100
50) Dimethylphthalate	9.504	163	706897	39.983	ng		100
51) 2,6-Dinitrotoluene	9.575	165	153319	39.586	ng		91
52) Acenaphthene	9.810	154	561409	39.219	ng		96
53) 3-Nitroaniline	9.745	138	188034	41.359	ng		97
54) 2,4-Dinitrophenol	9.863	184	114722	54.349	ng		94
55) Dibenzofuran	9.980	168	814875	37.304	ng		97
56) 4-Nitrophenol	9.927	139	126342	43.725	ng		93
57) 2,4-Dinitrotoluene	9.986	165	181724	37.478	ng		94
58) Fluorene	10.327	166	648629	38.625	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	166405	37.870	ng		98
60) Diethylphthalate	10.204	149	718627	40.501	ng		99
61) 4-Chlorophenyl-phenyle...	10.316	204	312494	38.738	ng		97
62) 4-Nitroaniline	10.363	138	162899	37.275	ng		98
63) Azobenzene	10.480	77	717966	41.345	ng		97
65) 4,6-Dinitro-2-methylph...	10.398	198	105873	39.448	ng		93
66) n-Nitrosodiphenylamine	10.445	169	599911	39.215	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	194267	38.655	ng		97
68) Hexachlorobenzene	10.874	284	196286	38.337	ng	#	91
69) Atrazine	10.974	200	151200	36.733	ng		98
70) Pentachlorophenol	11.080	266	106213	34.673	ng		99
71) Phenanthrene	11.292	178	934983	39.123	ng		99
72) Anthracene	11.345	178	973835	39.643	ng		99
73) Carbazole	11.510	167	898259	40.168	ng		99
74) Di-n-butylphthalate	11.833	149	1133451	43.014	ng		99
75) Fluoranthene	12.486	202	980999	39.394	ng		98
77) Benzidine	12.621	184	99406	19.805	ng		98
78) Pyrene	12.716	202	980620	42.039	ng		99
80) Butylbenzylphthalate	13.339	149	384102	46.769	ng		95
81) Benzo(a)anthracene	13.915	228	635010	40.138	ng		100
82) 3,3'-Dichlorobenzidine	13.880	252	208233	42.139	ng		99
83) Chrysene	13.951	228	622127	39.552	ng		99
84) Bis(2-ethylhexyl)phtha...	13.898	149	445240	52.830	ng	#	100
85) Di-n-octyl phthalate	14.515	149	690887	51.584	ng		99
87) Indeno(1,2,3-cd)pyrene	16.874	276	738182	41.739	ng		97
88) Benzo(b)fluoranthene	14.962	252	520127	35.621	ng		98
89) Benzo(k)fluoranthene	14.992	252	559153	38.765	ng		98
90) Benzo(a)pyrene	15.327	252	544248	39.085	ng		99
91) Dibenzo(a,h)anthracene	16.880	278	605014	41.809	ng		99
92) Benzo(g,h,i)perylene	17.315	276	635158	42.028	ng		96

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

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