Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135725.D
Acq On : 12 Oct 2023 10:13
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 13 00:53:02 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 11 02:43:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	96649	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	346793	20.000	ng		0.00
39) Acenaphthene-d10	9.781	164	184053	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	367606	20.000	ng		0.00
76) Chrysene-d12	13.945	240	220698	20.000	ng		0.00
86) Perylene-d12	15.410	264	185003	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	495589	83.400	ng		0.00
7) Phenol-d6	6.398	99	600917	79.528	ng		0.00
23) Nitrobenzene-d5	7.310	82	579911	90.850	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	153710	84.039	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	984111	80.670	ng		0.00
79) Terphenyl-d14	12.874	244	1108469	77.859	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.434	88	105914	40.658	ng		99
3) Pyridine	3.181	79	288597	41.163	ng		99
4) n-Nitrosodimethylamine	3.152	42	157314	42.283	ng		93
6) Aniline	6.410	93	383485	38.703	ng	#	47
8) 2-Chlorophenol	6.534	128	260169	41.014	ng		97
9) Benzaldehyde	6.298	77	165687	38.491	ng		99
10) Phenol	6.410	94	325394	39.273	ng	#	59
11) bis(2-Chloroethyl)ether	6.481	93	251640	40.489	ng		97
12) 1,3-Dichlorobenzene	6.681	146	260623	40.427	ng		97
13) 1,4-Dichlorobenzene	6.757	146	264364	40.306	ng		99
14) 1,2-Dichlorobenzene	6.910	146	243609	39.994	ng		98
15) Benzyl Alcohol	6.898	79	200316	36.944	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.022	45	452836	38.655	ng		74
17) 2-Methylphenol	7.010	107	226401	40.444	ng	#	91
18) Hexachloroethane	7.245	117	98242	40.537	ng		96
19) n-Nitroso-di-n-propyla...	7.157	70	186548	39.859	ng		93
20) 3+4-Methylphenols	7.169	107	289230	42.968	ng	#	68
22) Acetophenone	7.157	105	361010	45.533	ng		91
24) Nitrobenzene	7.334	77	288336	45.702	ng		96
25) Isophorone	7.569	82	489274	41.743	ng		99
26) 2-Nitrophenol	7.645	139	134867	44.540	ng		98
27) 2,4-Dimethylphenol	7.687	122	216823	42.600	ng		100
28) bis(2-Chloroethoxy)met...	7.775	93	293896	41.893	ng		99
29) 2,4-Dichlorophenol	7.892	162	203819	43.216	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	204948	41.575	ng		99
31) Naphthalene	8.045	128	714197	42.386	ng		99
32) Benzoic acid	7.839	122	143229	37.371	ng		97
33) 4-Chloroaniline	8.104	127	315185	42.635	ng		99
34) Hexachlorobutadiene	8.151	225	123879	41.676	ng		99
35) Caprolactam	8.481	113	71267	45.025	ng		94
36) 4-Chloro-3-methylphenol	8.598	107	228052	43.507	ng		98
37) 2-Methylnaphthalene	8.734	142	478651	42.260	ng		99
38) 1-Methylnaphthalene	8.834	142	439307	41.428	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	217938	40.872	ng		100
41) Hexachlorocyclopentadiene	8.881	237	65257	32.595	ng		99
43) 2,4,6-Trichlorophenol	9.028	196	139289	39.897	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	158319	39.378	ng		100
46) 1,1'-Biphenyl	9.204	154	581130	41.086	ng		99
47) 2-Chloronaphthalene	9.228	162	425635	41.475	ng		99
48) 2-Nitroaniline	9.339	65	170764	42.831	ng		97
49) Acenaphthylene	9.645	152	696202	40.820	ng		99
50) Dimethylphthalate	9.510	163	513917	41.299	ng		100
51) 2,6-Dinitrotoluene	9.581	165	114680	42.068	ng		99
52) Acenaphthene	9.816	154	425178	42.200	ng		98
53) 3-Nitroaniline	9.757	138	138629	43.323	ng		91
54) 2,4-Dinitrophenol	9.875	184	90414	60.109	ng		91
55) Dibenzofuran	9.986	168	635661	41.344	ng		96
56) 4-Nitrophenol	9.945	139	84702	41.649	ng		97
57) 2,4-Dinitrotoluene	9.998	165	146767	43.005	ng	#	87
58) Fluorene	10.333	166	508127	42.990	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	128354	41.502	ng		98
60) Diethylphthalate	10.210	149	533547	42.723	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	242737	42.752	ng		97
62) 4-Nitroaniline	10.375	138	133296	43.336	ng		98
63) Azobenzene	10.486	77	523596	42.839	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	79179	40.553	ng		95
66) n-Nitrosodiphenylamine	10.451	169	466003	41.872	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	152975	41.841	ng		96
68) Hexachlorobenzene	10.886	284	153212	41.134	ng		96
69) Atrazine	10.980	200	124417	41.548	ng		98
70) Pentachlorophenol	11.092	266	90117	40.438	ng		99
71) Phenanthrene	11.304	178	729962	41.985	ng		100
72) Anthracene	11.357	178	747049	41.802	ng		99
73) Carbazole	11.516	167	706146	43.406	ng		99
74) Di-n-butylphthalate	11.839	149	862037	44.968	ng		99
75) Fluoranthene	12.498	202	806051	44.493	ng		99
77) Benzidine	12.627	184	164878	36.466	ng		99
78) Pyrene	12.733	202	813269	38.705	ng		99
80) Butylbenzylphthalate	13.351	149	343618	46.447	ng		99
81) Benzo(a)anthracene	13.933	228	608203	42.678	ng		100
82) 3,3'-Dichlorobenzidine	13.892	252	186821	41.969	ng	#	99
83) Chrysene	13.968	228	572995	40.441	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	449683	59.234	ng		100
85) Di-n-octyl phthalate	14.527	149	621142	51.485	ng		99
87) Indeno(1,2,3-cd)pyrene	16.915	276	475018	39.161	ng		98
88) Benzo(b)fluoranthene	14.986	252	417764	41.714	ng		98
89) Benzo(k)fluoranthene	15.015	252	426840	43.146	ng		100
90) Benzo(a)pyrene	15.351	252	394231	41.278	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	391835	39.480	ng		98
92) Benzo(g,h,i)perylene	17.368	276	403810	38.958	ng		99

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

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