Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134292.D
Acq On : 14 Jul 2023 15:56
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 15 00:42:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	78396	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	285638	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	146281	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	292067	20.000	ng		0.00
76) Chrysene-d12	14.039	240	224252	20.000	ng		0.00
86) Perylene-d12	15.545	264	209628	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	374593	79.928	ng		0.00
7) Phenol-d6	6.487	99	451069	78.262	ng		0.00
23) Nitrobenzene-d5	7.410	82	439283	82.901	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	158772	86.568	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	840886	83.576	ng		0.00
79) Terphenyl-d14	12.974	244	985978	70.762	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	74767	38.691	ng		99
3) Pyridine	3.381	79	192099	38.164	ng		98
4) n-Nitrosodimethylamine	3.340	42	108752	37.829	ng		97
6) Aniline	6.510	93	275964	39.347	ng		95
8) 2-Chlorophenol	6.634	128	188807	39.686	ng		95
9) Benzaldehyde	6.398	77	120852	37.546	ng		98
10) Phenol	6.498	94	239210	39.474	ng		97
11) bis(2-Chloroethyl)ether	6.587	93	170717	38.265	ng		95
12) 1,3-Dichlorobenzene	6.786	146	198939	39.223	ng		98
13) 1,4-Dichlorobenzene	6.863	146	206906	40.388	ng		98
14) 1,2-Dichlorobenzene	7.016	146	191761	39.968	ng		99
15) Benzyl Alcohol	6.986	79	177037	39.844	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.122	45	276583	35.042	ng		96
17) 2-Methylphenol	7.098	107	167300	39.270	ng		95
18) Hexachloroethane	7.351	117	76258	40.145	ng		94
19) n-Nitroso-di-n-propyla...	7.257	70	143256	39.194	ng		98
20) 3+4-Methylphenols	7.251	107	212110	41.040	ng		92
22) Acetophenone	7.257	105	270892	41.701	ng	#	94
24) Nitrobenzene	7.428	77	219429	40.979	ng		93
25) Isophorone	7.663	82	385815	40.063	ng		98
26) 2-Nitrophenol	7.745	139	106831	41.589	ng		97
27) 2,4-Dimethylphenol	7.781	122	161661	39.758	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	221372	39.699	ng		99
29) 2,4-Dichlorophenol	7.986	162	165865	41.137	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	173025	41.589	ng		95
31) Naphthalene	8.145	128	554581	40.195	ng		99
32) Benzoic acid	7.904	122	116847	38.350	ng		96
33) 4-Chloroaniline	8.198	127	238522	40.414	ng		99
34) Hexachlorobutadiene	8.257	225	113846	43.380	ng		98
35) Caprolactam	8.575	113	51044	38.449	ng		96
36) 4-Chloro-3-methylphenol	8.680	107	186373	41.146	ng		94
37) 2-Methylnaphthalene	8.839	142	392084	40.186	ng		100
38) 1-Methylnaphthalene	8.939	142	358597	39.535	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	180730	41.702	ng		99
41) Hexachlorocyclopentadiene	8.986	237	105181	51.157	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	116904	39.626	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	138365	39.872	ng		96
46) 1,1'-Biphenyl	9.304	154	473149	40.322	ng		97
47) 2-Chloronaphthalene	9.328	162	342861	39.935	ng		96
48) 2-Nitroaniline	9.428	65	126530	40.439	ng		97
49) Acenaphthylene	9.745	152	583511	39.786	ng		99
50) Dimethylphthalate	9.604	163	422072	39.748	ng		99
51) 2,6-Dinitrotoluene	9.675	165	94103	41.146	ng		98
52) Acenaphthene	9.916	154	345736	40.627	ng		99
53) 3-Nitroaniline	9.845	138	103424	37.695	ng		100
54) 2,4-Dinitrophenol	9.957	184	50128	39.984	ng		99
55) Dibenzofuran	10.092	168	536112	40.309	ng		99
56) 4-Nitrophenol	10.010	139	66965	34.892	ng		93
57) 2,4-Dinitrotoluene	10.080	165	125712	41.621	ng		89
58) Fluorene	10.433	166	419331	40.526	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	111629	40.780	ng		96
60) Diethylphthalate	10.304	149	448455	40.537	ng		98
61) 4-Chlorophenyl-phenyle...	10.427	204	207976	41.708	ng		96
62) 4-Nitroaniline	10.463	138	106583	38.546	ng		91
63) Azobenzene	10.586	77	412143	39.384	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	67723	42.531	ng		86
66) n-Nitrosodiphenylamine	10.545	169	370847	39.741	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	126957	40.897	ng	#	88
68) Hexachlorobenzene	10.986	284	140623	42.664	ng		93
69) Atrazine	11.074	200	106341	41.198	ng		95
70) Pentachlorophenol	11.180	266	72641	36.859	ng		99
71) Phenanthrene	11.404	178	583082	39.657	ng		99
72) Anthracene	11.457	178	618089	40.417	ng		99
73) Carbazole	11.616	167	561444	40.110	ng		99
74) Di-n-butylphthalate	11.939	149	698199	41.944	ng		99
75) Fluoranthene	12.598	202	660686	41.564	ng		99
77) Benzidine	12.727	184	242812	45.505	ng		99
78) Pyrene	12.833	202	676128	32.398	ng		98
80) Butylbenzylphthalate	13.451	149	298292	38.110	ng		99
81) Benzo(a)anthracene	14.027	228	616362	39.632	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	203466	41.294	ng		100
83) Chrysene	14.068	228	588885	39.094	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	405347	45.070	ng		98
85) Di-n-octyl phthalate	14.633	149	655156	49.576	ng		98
87) Indeno(1,2,3-cd)pyrene	17.098	276	531823	36.561	ng		96
88) Benzo(b)fluoranthene	15.104	252	522201	42.365	ng		99
89) Benzo(k)fluoranthene	15.133	252	516117	41.125	ng		98
90) Benzo(a)pyrene	15.480	252	483466	40.561	ng		98
91) Dibenzo(a,h)anthracene	17.109	278	439142	36.961	ng		96
92) Benzo(g,h,i)perylene	17.568	276	439279	35.853	ng		96

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

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