Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135036.D
Acq On : 31 Aug 2023 12:14
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 31 16:10:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	140937	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	546368	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	275615	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	517378	20.000	ng	0.00
76) Chrysene-d12	13.969	240	301176	20.000	ng	0.00
86) Perylene-d12	15.433	264	257834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	666750	73.073	ng	0.00
7) Phenol-d6	6.416	99	833146	73.257	ng	0.00
23) Nitrobenzene-d5	7.345	82	716938	73.720	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	220615	75.458	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1232757	72.821	ng	0.00
79) Terphenyl-d14	12.910	244	1297188	70.287	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	138853	35.926	ng	99
3) Pyridine	3.240	79	378881	36.362	ng	97
4) n-Nitrosodimethylamine	3.204	42	189436	37.176	ng	94
6) Aniline	6.445	93	502517	35.642	ng	98
8) 2-Chlorophenol	6.563	128	339449	36.619	ng	98
9) Benzaldehyde	6.328	77	200101	34.530	ng	96
10) Phenol	6.434	94	440670	36.908	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	323351	35.965	ng	99
12) 1,3-Dichlorobenzene	6.716	146	347630	36.400	ng	99
13) 1,4-Dichlorobenzene	6.793	146	347219	36.325	ng	99
14) 1,2-Dichlorobenzene	6.945	146	321935	36.092	ng	99
15) Benzyl Alcohol	6.922	79	293860	37.714	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	524731	34.851	ng	98
17) 2-Methylphenol	7.034	107	294250	36.428	ng	98
18) Hexachloroethane	7.281	117	126809	35.814	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	228505	33.825	ng	94
20) 3+4-Methylphenols	7.187	107	347966	36.514	ng	97
22) Acetophenone	7.187	105	438652	36.095	ng	99
24) Nitrobenzene	7.363	77	365053	36.593	ng	99
25) Isophorone	7.598	82	653036	35.416	ng	99
26) 2-Nitrophenol	7.675	139	186330	37.804	ng	99
27) 2,4-Dimethylphenol	7.716	122	289674	36.505	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	392680	35.304	ng	99
29) 2,4-Dichlorophenol	7.916	162	278624	36.944	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	297387	36.489	ng	99
31) Naphthalene	8.081	128	974153	36.499	ng	100
32) Benzoic acid	7.845	122	249817	39.356	ng	97
33) 4-Chloroaniline	8.134	127	421168	36.078	ng	99
34) Hexachlorobutadiene	8.192	225	168067	36.337	ng	99
35) Caprolactam	8.510	113	93840	38.002	ng	99
36) 4-Chloro-3-methylphenol	8.616	107	300482	36.683	ng	97
37) 2-Methylnaphthalene	8.769	142	646962	36.329	ng	99
38) 1-Methylnaphthalene	8.869	142	602213	36.141	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	283530	36.748	ng	100
41) Hexachlorocyclopentadiene	8.922	237	115328	35.119	ng	99
43) 2,4,6-Trichlorophenol	9.051	196	196469	37.917	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	225581	37.604	ng		97
46) 1,1'-Biphenyl	9.239	154	775783	36.841	ng		100
47) 2-Chloronaphthalene	9.263	162	579582	36.601	ng		99
48) 2-Nitroaniline	9.363	65	207122	38.210	ng		98
49) Acenaphthylene	9.681	152	904663	37.793	ng		99
50) Dimethylphthalate	9.545	163	704122	36.485	ng		99
51) 2,6-Dinitrotoluene	9.610	165	162750	38.433	ng	#	83
52) Acenaphthene	9.851	154	562589	36.880	ng		98
53) 3-Nitroaniline	9.775	138	188044	38.121	ng		97
54) 2,4-Dinitrophenol	9.886	184	87177	43.074	ng		90
55) Dibenzofuran	10.022	168	814406	37.010	ng		99
56) 4-Nitrophenol	9.939	139	140795	40.604	ng		96
57) 2,4-Dinitrotoluene	10.016	165	205169	38.878	ng		96
58) Fluorene	10.369	166	628142	37.443	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	173076	37.467	ng		97
60) Diethylphthalate	10.245	149	660419	36.353	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	303280	36.548	ng		100
62) 4-Nitroaniline	10.392	138	187238	38.792	ng		98
63) Azobenzene	10.522	77	666626	36.443	ng		99
65) 4,6-Dinitro-2-methylph...	10.428	198	122186	39.021	ng		83
66) n-Nitrosodiphenylamine	10.480	169	572666	35.598	ng		100
67) 4-Bromophenyl-phenylether	10.851	248	192362	35.054	ng		97
68) Hexachlorobenzene	10.916	284	203105	35.794	ng		96
69) Atrazine	11.016	200	144274	38.043	ng		99
70) Pentachlorophenol	11.110	266	131004	38.162	ng		97
71) Phenanthrene	11.333	178	974924	36.525	ng		99
72) Anthracene	11.386	178	977113	35.829	ng		100
73) Carbazole	11.545	167	874133	37.163	ng		100
74) Di-n-butylphthalate	11.880	149	1015589	35.817	ng		100
75) Fluoranthene	12.527	202	1003313	37.178	ng		99
77) Benzidine	12.651	184	230016	42.367	ng		100
78) Pyrene	12.757	202	1019173	35.641	ng		100
80) Butylbenzylphthalate	13.386	149	396843	38.415	ng		99
81) Benzo(a)anthracene	13.957	228	725214	35.300	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	236573	38.161	ng		99
83) Chrysene	13.992	228	727058	36.011	ng		100
84) Bis(2-ethylhexyl)phtha...	13.951	149	422327	39.504	ng		99
85) Di-n-octyl phthalate	14.568	149	614767	37.674	ng		100
87) Indeno(1,2,3-cd)pyrene	16.921	276	634398	36.529	ng		98
88) Benzo(b)fluoranthene	15.004	252	572855	35.708	ng		99
89) Benzo(k)fluoranthene	15.039	252	546187	35.241	ng		97
90) Benzo(a)pyrene	15.374	252	535124	35.907	ng		98
91) Dibenzo(a,h)anthracene	16.939	278	519755	36.952	ng		99
92) Benzo(g,h,i)perylene	17.374	276	536551	36.677	ng		97

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

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