Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
Data File : BF132084.D
Acq On : 16 Jan 2023 23:11
Operator : CG\JU
Sample : PB150083BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB150083BS

Quant Time: Jan 17 06:51:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 01:48:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	239211	20.000	ng	0.00
21) Naphthalene-d8	8.386	136	871997	20.000	ng	0.00
39) Acenaphthene-d10	10.157	164	474514	20.000	ng	0.00
64) Phenanthrene-d10	11.657	188	934360	20.000	ng	0.00
76) Chrysene-d12	14.315	240	589264	20.000	ng	0.00
86) Perylene-d12	15.915	264	563829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	1592391	119.551	ng	0.02
7) Phenol-d6	6.716	99	2018438	121.518	ng	0.00
23) Nitrobenzene-d5	7.663	82	1286968	101.019	ng	0.00
42) 2,4,6-Tribromophenol	10.951	330	658996	145.375	ng	0.00
45) 2-Fluorobiphenyl	9.469	172	2361766	77.362	ng	0.00
79) Terphenyl-d14	13.251	244	2799564	90.273	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	245855	35.337	ng	99
3) Pyridine	3.875	79	647935	34.549	ng	99
4) n-Nitrosodimethylamine	3.840	42	320881	42.983	ng	99
6) Aniline	6.763	93	705873	30.135	ng	99
8) 2-Chlorophenol	6.881	128	673871	50.338	ng	99
9) Benzaldehyde	6.651	77	406849	35.035	ng	98
10) Phenol	6.728	94	748496	44.105	ng	99
11) bis(2-Chloroethyl)ether	6.828	93	636644	43.614	ng	99
12) 1,3-Dichlorobenzene	7.039	146	719043	44.781	ng	99
13) 1,4-Dichlorobenzene	7.116	146	724639	44.884	ng	98
14) 1,2-Dichlorobenzene	7.269	146	701341	47.480	ng	99
15) Benzyl Alcohol	7.234	79	585717	49.187	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.363	45	752679	45.336	ng	100
17) 2-Methylphenol	7.334	107	553509	44.825	ng	99
18) Hexachloroethane	7.616	117	254023	51.587	ng	93
19) n-Nitroso-di-n-propyla...	7.504	70	426955	45.939	ng	98
20) 3+4-Methylphenols	7.487	107	662489	43.372	ng	97
22) Acetophenone	7.504	105	861687	42.462	ng	100
24) Nitrobenzene	7.681	77	691371	50.002	ng	98
25) Isophorone	7.916	82	1299435	43.442	ng	99
26) 2-Nitrophenol	7.998	139	272313	54.067	ng	96
27) 2,4-Dimethylphenol	8.022	122	609993	47.733	ng	99
28) bis(2-Chloroethoxy)met...	8.122	93	763639	43.350	ng	99
29) 2,4-Dichlorophenol	8.234	162	585643	49.256	ng	98
30) 1,2,4-Trichlorobenzene	8.322	180	646568	45.252	ng	98
31) Naphthalene	8.410	128	1871534	42.700	ng	99
32) Benzoic acid	8.134	122	336589	54.230	ng	98
33) 4-Chloroaniline	8.445	127	400958	21.635	ng	99
34) Hexachlorobutadiene	8.522	225	409297	45.601	ng	99
35) Caprolactam	8.822	113	185452m	49.179	ng	
36) 4-Chloro-3-methylphenol	8.928	107	583060	47.071	ng	99
37) 2-Methylnaphthalene	9.104	142	1232917	40.957	ng	100
38) 1-Methylnaphthalene	9.204	142	1151219	41.266	ng	100
40) 1,2,4,5-Tetrachloroben...	9.269	216	609206	40.491	ng	99
41) Hexachlorocyclopentadiene	9.257	237	759440	97.266	ng	99
43) 2,4,6-Trichlorophenol	9.375	196	434769	51.301	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.416	196	457402	46.147	ng		97
46) 1,1'-Biphenyl	9.569	154	1494255	41.443	ng		100
47) 2-Chloronaphthalene	9.598	162	1178769	42.446	ng		99
48) 2-Nitroaniline	9.686	65	320928	48.758	ng		98
49) Acenaphthylene	10.016	152	1865724	41.068	ng		100
50) Dimethylphthalate	9.869	163	1425334	46.615	ng		99
51) 2,6-Dinitrotoluene	9.928	165	305090	48.496	ng		98
52) Acenaphthene	10.192	154	1203571	45.039	ng		100
53) 3-Nitroaniline	10.098	138	200371	30.415	ng		98
54) 2,4-Dinitrophenol	10.204	184	271188	89.686	ng	#	11
55) Dibenzofuran	10.363	168	1654425	40.980	ng		98
56) 4-Nitrophenol	10.251	139	539108	89.356	ng		91
57) 2,4-Dinitrotoluene	10.333	165	405088	50.871	ng	#	87
58) Fluorene	10.710	166	1215236	40.149	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.475	232	406747	52.281	ng		99
60) Diethylphthalate	10.569	149	1355466	49.858	ng		99
61) 4-Chlorophenyl-phenyle...	10.698	204	644523	41.345	ng		95
62) 4-Nitroaniline	10.722	138	308744	45.549	ng		99
63) Azobenzene	10.857	77	1307401	40.427	ng		99
65) 4,6-Dinitro-2-methylph...	10.745	198	179557	52.216	ng		94
66) n-Nitrosodiphenylamine	10.816	169	1116725	40.822	ng		100
67) 4-Bromophenyl-phenylether	11.192	248	426630	41.937	ng		98
68) Hexachlorobenzene	11.257	284	501849	45.218	ng		95
69) Atrazine	11.339	200	471561	57.073	ng		100
70) Pentachlorophenol	11.451	266	601960	87.182	ng		98
71) Phenanthrene	11.680	178	1909322	40.484	ng		99
72) Anthracene	11.733	178	1940079	40.227	ng		99
73) Carbazole	11.886	167	1792392	41.323	ng		100
74) Di-n-butylphthalate	12.204	149	2028072	45.382	ng		100
75) Fluoranthene	12.880	202	2138887	40.291	ng		98
77) Benzidine	12.992	184	655591	66.386	ng		97
78) Pyrene	13.110	202	2197830	45.100	ng		100
80) Butylbenzylphthalate	13.721	149	740537	60.934	ng		98
81) Benzo(a)anthracene	14.304	228	1759134	43.829	ng		99
82) 3,3'-Dichlorobenzidine	14.263	252	372984	35.514	ng		99
83) Chrysene	14.345	228	1612475	42.780	ng		100
84) Bis(2-ethylhexyl)phtha...	14.280	149	990902	59.069	ng		97
85) Di-n-octyl phthalate	14.921	149	1436619	59.837	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.592	276	1774300	50.083	ng		98
88) Benzo(b)fluoranthene	15.433	252	1652405	47.764	ng		99
89) Benzo(k)fluoranthene	15.468	252	1523782	44.986	ng		99
90) Benzo(a)pyrene	15.851	252	1415084	43.886	ng		99
91) Dibenzo(a,h)anthracene	17.615	278	1464165	50.919	ng		98
92) Benzo(g,h,i)perylene	18.103	276	1501984	50.495	ng		99

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

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