Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135526.D
Acq On : 02 Oct 2023 14:25
Operator : CG\JU
Sample : PB155966BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 03 02:54:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 30 00:12:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155966BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
10/03/2023
Supervised By :mohammad ahmed
10/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	154489	20.000	ng		-0.01
21) Naphthalene-d8	8.022	136	583388	20.000	ng	#	0.00
39) Acenaphthene-d10	9.780	164	285341	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	536687	20.000	ng		0.00
76) Chrysene-d12	13.933	240	275378	20.000	ng		0.00
86) Perylene-d12	15.398	264	292831	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1135462	119.540	ng		0.00
7) Phenol-d6	6.398	99	1403244	116.182	ng		0.00
23) Nitrobenzene-d5	7.310	82	900853	83.894	ng		-0.01
42) 2,4,6-Tribromophenol	10.580	330	296205	104.459	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1433131	75.776	ng		0.00
79) Terphenyl-d14	12.869	244	1453429	81.818	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	180764	43.411	ng		94
3) Pyridine	3.281	79	470153	41.952	ng		95
4) n-Nitrosodimethylamine	3.240	42	285951	48.083	ng		91
6) Aniline	6.410	93	450335	28.433	ng	#	21
8) 2-Chlorophenol	6.534	128	466812	46.038	ng		99
9) Benzaldehyde	6.298	77	105233	15.294	ng		94
10) Phenol	6.410	94	552590	41.724	ng		79
11) bis(2-Chloroethyl)ether	6.487	93	451157	45.413	ng		99
12) 1,3-Dichlorobenzene	6.681	146	454222	44.078	ng		99
13) 1,4-Dichlorobenzene	6.757	146	465012	44.353	ng		98
14) 1,2-Dichlorobenzene	6.910	146	428992	44.061	ng		98
15) Benzyl Alcohol	6.898	79	385618	44.493	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.022	45	813056	43.420	ng		82
17) 2-Methylphenol	7.010	107	362934	40.561	ng		96
18) Hexachloroethane	7.245	117	173463	44.778	ng		90
19) n-Nitroso-di-n-propyla...	7.163	70	294740	39.398	ng		97
20) 3+4-Methylphenols	7.169	107	448192	41.655	ng	#	67
22) Acetophenone	7.157	105	593693	44.512	ng		93
24) Nitrobenzene	7.328	77	491702	46.329	ng		98
25) Isophorone	7.569	82	881506	44.706	ng		97
26) 2-Nitrophenol	7.645	139	241850	47.479	ng		98
27) 2,4-Dimethylphenol	7.686	122	357773	41.785	ng		98
28) bis(2-Chloroethoxy)met...	7.781	93	544857	46.168	ng		99
29) 2,4-Dichlorophenol	7.892	162	356583	44.945	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	368981	44.495	ng		99
31) Naphthalene	8.045	128	1246209	43.966	ng		99
32) Benzoic acid	7.834	122	279703	43.382	ng		94
33) 4-Chloroaniline	8.104	127	302967	24.362	ng		98
34) Hexachlorobutadiene	8.157	225	206369	41.271	ng		98
35) Caprolactam	8.481	113	133338m	50.076	ng		
36) 4-Chloro-3-methylphenol	8.598	107	392542	44.517	ng		99
37) 2-Methylnaphthalene	8.739	142	775716	40.713	ng		98
38) 1-Methylnaphthalene	8.833	142	748423	41.955	ng		98
40) 1,2,4,5-Tetrachloroben...	8.904	216	357396	43.234	ng		99
41) Hexachlorocyclopentadiene	8.886	237	159832	47.214	ng		100
43) 2,4,6-Trichlorophenol	9.022	196	236763	43.744	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	252145	40.453	ng		98
46) 1,1'-Biphenyl	9.204	154	954486	43.528	ng		98
47) 2-Chloronaphthalene	9.228	162	722254	45.396	ng		98
48) 2-Nitroaniline	9.333	65	296386	47.951	ng		94
49) Acenaphthylene	9.645	152	1168916	44.208	ng		99
50) Dimethylphthalate	9.510	163	831543	43.103	ng		99
51) 2,6-Dinitrotoluene	9.581	165	187206	44.296	ng		90
52) Acenaphthene	9.816	154	679719	43.516	ng		98
53) 3-Nitroaniline	9.751	138	170873	34.444	ng		96
54) 2,4-Dinitrophenol	9.869	184	172987	72.719	ng		93
55) Dibenzofuran	9.992	168	964443	40.462	ng		100
56) 4-Nitrophenol	9.933	139	237051	75.185	ng		96
57) 2,4-Dinitrotoluene	9.992	165	219449	41.477	ng		89
58) Fluorene	10.333	166	786051	42.897	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	208967	43.583	ng		96
60) Diethylphthalate	10.210	149	825193	42.621	ng		98
61) 4-Chlorophenyl-phenyle...	10.328	204	358683	40.749	ng		92
62) 4-Nitroaniline	10.375	138	229271m	48.079	ng		
63) Azobenzene	10.486	77	876839	46.274	ng		97
65) 4,6-Dinitro-2-methylph...	10.404	198	124280	43.599	ng		96
66) n-Nitrosodiphenylamine	10.451	169	726473	44.711	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	222825	41.745	ng		95
68) Hexachlorobenzene	10.880	284	241306	44.375	ng	#	86
69) Atrazine	10.986	200	219476	50.202	ng		96
70) Pentachlorophenol	11.086	266	203847	62.654	ng		99
71) Phenanthrene	11.304	178	1150209	45.314	ng		99
72) Anthracene	11.351	178	1173319	44.970	ng		100
73) Carbazole	11.516	167	1134292	47.757	ng		99
74) Di-n-butylphthalate	11.839	149	1298688	46.403	ng		99
75) Fluoranthene	12.492	202	1213847	45.894	ng		97
77) Benzidine	12.621	184	421245	74.667	ng		99
78) Pyrene	12.727	202	1237094	47.185	ng		99
80) Butylbenzylphthalate	13.345	149	476663	51.637	ng		93
81) Benzo(a)anthracene	13.921	228	834178	46.912	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	195265	35.156	ng	#	99
83) Chrysene	13.963	228	803764	45.464	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	556987	58.800	ng		99
85) Di-n-octyl phthalate	14.527	149	829514	55.103	ng		100
87) Indeno(1,2,3-cd)pyrene	16.886	276	842238	43.867	ng		96
88) Benzo(b)fluoranthene	14.974	252	732522	46.210	ng		98
89) Benzo(k)fluoranthene	14.974	252	732522	46.780	ng		98
90) Benzo(a)pyrene	15.333	252	657509	43.495	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	671824	42.765	ng		98
92) Benzo(g,h,i)perylene	17.327	276	705032	42.972	ng		97

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

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