Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
Data File : BF132106.D
Acq On : 17 Jan 2023 21:48
Operator : CG\JU
Sample : PB150209BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 18 05:49:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:47:03 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB150209BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	224046	20.000	ng	0.00
21) Naphthalene-d8	8.390	136	834340	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	446293	20.000	ng	0.00
64) Phenanthrene-d10	11.654	188	885594	20.000	ng	0.00
76) Chrysene-d12	14.319	240	445933	20.000	ng	0.00
86) Perylene-d12	15.918	264	396449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	1529179	122.128	ng	0.02
7) Phenol-d6	6.719	99	2026779	125.490	ng	0.00
23) Nitrobenzene-d5	7.666	82	1387523	92.981	ng	0.00
42) 2,4,6-Tribromophenol	10.954	330	652843	144.513	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2196104	73.702	ng	0.00
79) Terphenyl-d14	13.254	244	2550886	96.428	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	242013	36.899	ng	100
3) Pyridine	3.890	79	642970	35.855	ng	100
4) n-Nitrosodimethylamine	3.860	42	388998	44.426	ng	98
6) Aniline	6.760	93	881762	37.897	ng	99
8) 2-Chlorophenol	6.884	128	652370	49.750	ng	98
9) Benzaldehyde	6.648	77	363937	31.205	ng	94
10) Phenol	6.737	94	742437	44.348	ng	97
11) bis(2-Chloroethyl)ether	6.831	93	645961	44.733	ng	98
12) 1,3-Dichlorobenzene	7.043	146	667288	45.494	ng	98
13) 1,4-Dichlorobenzene	7.119	146	665214	45.809	ng	98
14) 1,2-Dichlorobenzene	7.272	146	648084	46.418	ng	99
15) Benzyl Alcohol	7.237	79	608758m	47.451	ng	
16) 2,2'-oxybis(1-Chloropr...	7.366	45	981217	44.494	ng	99
17) 2-Methylphenol	7.343	107	525173	43.733	ng	98
18) Hexachloroethane	7.619	117	257812	49.362	ng	92
19) n-Nitroso-di-n-propyla...	7.513	70	437176	42.498	ng	98
20) 3+4-Methylphenols	7.495	107	629808	42.771	ng	91
22) Acetophenone	7.513	105	809877	41.961	ng	98
24) Nitrobenzene	7.690	77	717372	45.254	ng	96
25) Isophorone	7.925	82	1375958	43.291	ng	99
26) 2-Nitrophenol	8.001	139	317701	50.614	ng	97
27) 2,4-Dimethylphenol	8.025	122	578415	44.733	ng	99
28) bis(2-Chloroethoxy)met...	8.131	93	764264	42.037	ng	99
29) 2,4-Dichlorophenol	8.237	162	556218	45.973	ng	95
30) 1,2,4-Trichlorobenzene	8.325	180	599634	44.506	ng	99
31) Naphthalene	8.413	128	1706395	41.550	ng	100
32) Benzoic acid	8.154	122	442173	48.026	ng	98
33) 4-Chloroaniline	8.448	127	237790	13.297	ng	96
34) Hexachlorobutadiene	8.525	225	391781	44.547	ng	99
35) Caprolactam	8.837	113	214004m	54.554	ng	
36) 4-Chloro-3-methylphenol	8.931	107	589888	46.284	ng	97
37) 2-Methylnaphthalene	9.107	142	1136538	40.236	ng	99
38) 1-Methylnaphthalene	9.207	142	1065267	40.153	ng	98
40) 1,2,4,5-Tetrachloroben...	9.272	216	593000	41.973	ng	99
41) Hexachlorocyclopentadiene	9.260	237	755615	108.019	ng	99
43) 2,4,6-Trichlorophenol	9.378	196	437763	47.343	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.419	196	480517	44.934	ng		95
46)	1,1'-Biphenyl	9.572	154	1381142	41.706	ng		99
47)	2-Chloronaphthalene	9.601	162	1102302	42.872	ng		99
48)	2-Nitroaniline	9.689	65	393430	51.129	ng		98
49)	Acenaphthylene	10.019	152	1764379	42.143	ng		100
50)	Dimethylphthalate	9.872	163	1382292	43.204	ng		100
51)	2,6-Dinitrotoluene	9.931	165	316421	51.456	ng		90
52)	Acenaphthene	10.189	154	1180796	47.224	ng		99
53)	3-Nitroaniline	10.101	138	206501	30.652	ng		98
54)	2,4-Dinitrophenol	10.207	184	324818	99.545	ng	#	78
55)	Dibenzofuran	10.366	168	1615940	41.719	ng		99
56)	4-Nitrophenol	10.254	139	501327	99.259	ng		93
57)	2,4-Dinitrotoluene	10.342	165	410010	54.718	ng		98
58)	Fluorene	10.713	166	1186793	41.382	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.478	232	400952	47.743	ng		100
60)	Diethylphthalate	10.572	149	1373159	42.942	ng		99
61)	4-Chlorophenyl-phenyle...	10.695	204	631191	41.433	ng		97
62)	4-Nitroaniline	10.731	138	298338	47.501	ng		96
63)	Azobenzene	10.860	77	1347497	41.917	ng		98
65)	4,6-Dinitro-2-methylph...	10.748	198	205133	48.447	ng		94
66)	n-Nitrosodiphenylamine	10.819	169	1107648	41.739	ng		99
67)	4-Bromophenyl-phenylether	11.195	248	423889	42.766	ng		94
68)	Hexachlorobenzene	11.260	284	451909	45.821	ng		96
69)	Atrazine	11.342	200	416544	48.035	ng		98
70)	Pentachlorophenol	11.454	266	545661	81.345	ng		99
71)	Phenanthrene	11.683	178	1820993	41.360	ng		100
72)	Anthracene	11.736	178	1840401	41.260	ng		100
73)	Carbazole	11.883	167	1651915	41.899	ng		99
74)	Di-n-butylphthalate	12.207	149	2032131	43.366	ng		100
75)	Fluoranthene	12.877	202	1960064	41.322	ng		99
77)	Benzidine	12.995	184	567577	48.484	ng		99
78)	Pyrene	13.113	202	1960892	46.730	ng		100
80)	Butylbenzylphthalate	13.724	149	748489	54.156	ng		97
81)	Benzo(a)anthracene	14.307	228	1404101	44.760	ng		98
82)	3,3'-Dichlorobenzidine	14.266	252	248390	30.219	ng		99
83)	Chrysene	14.348	228	1290377	43.731	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.283	149	989568	52.215	ng		100
85)	Di-n-octyl phthalate	14.924	149	1382534	51.784	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.589	276	1218458	54.075	ng		99
88)	Benzo(b)fluoranthene	15.436	252	1227736	48.853	ng		99
89)	Benzo(k)fluoranthene	15.471	252	1148210	45.228	ng		100
90)	Benzo(a)pyrene	15.854	252	1023443	45.000	ng		99
91)	Dibenzo(a,h)anthracene	17.618	278	976694	54.001	ng		98
92)	Benzo(g,h,i)perylene	18.107	276	1017200	54.270	ng		98

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

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