Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133434.D
Acq On : 18 May 2023 11:24
Operator : CG\JU
Sample : PB152844BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 18:23:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 18:12:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152844BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	240997	20.000	ng		0.00
21) Naphthalene-d8	8.004	136	982555	20.000	ng		0.00
39) Acenaphthene-d10	9.757	164	484323	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	845697	20.000	ng		0.00
76) Chrysene-d12	13.880	240	529344	20.000	ng		0.00
86) Perylene-d12	15.298	264	408991	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1866137	116.973	ng		0.01
7) Phenol-d6	6.369	99	2234046	112.821	ng		0.00
23) Nitrobenzene-d5	7.287	82	1416824	77.834	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	571979	117.430	ng		0.00
45) 2-Fluorobiphenyl	9.081	172	2437580	84.201	ng		0.00
79) Terphenyl-d14	12.827	244	2668859	86.955	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.446	88	241845	32.682	ng		94
3) Pyridine	3.134	79	647654	32.953	ng		94
4) n-Nitrosodimethylamine	3.099	42	338709	33.272	ng		87
6) Aniline	6.381	93	629211	24.671	ng	#	1
8) 2-Chlorophenol	6.504	128	748010	46.179	ng		95
9) Benzaldehyde	6.263	77	413741	48.835	ng		98
10) Phenol	6.381	94	870358	39.842	ng		79
11) bis(2-Chloroethyl)ether	6.451	93	707524	43.161	ng		99
12) 1,3-Dichlorobenzene	6.657	146	793420	46.071	ng		97
13) 1,4-Dichlorobenzene	6.734	146	793147	45.954	ng		98
14) 1,2-Dichlorobenzene	6.887	146	758777	47.685	ng		99
15) Benzyl Alcohol	6.869	79	596623	43.618	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1080881	37.963	ng		79
17) 2-Methylphenol	6.987	107	612185	41.274	ng		95
18) Hexachloroethane	7.228	117	279309	46.546	ng		98
19) n-Nitroso-di-n-propyla...	7.140	70	482156	39.112	ng		96
20) 3+4-Methylphenols	7.140	107	762040	43.626	ng	#	76
22) Acetophenone	7.128	105	1023302	44.959	ng	#	92
24) Nitrobenzene	7.304	77	750818	40.704	ng		99
25) Isophorone	7.545	82	1403199	40.600	ng		100
26) 2-Nitrophenol	7.622	139	430890	48.431	ng		91
27) 2,4-Dimethylphenol	7.669	122	673129	44.123	ng		97
28) bis(2-Chloroethoxy)met...	7.757	93	860242	42.073	ng		99
29) 2,4-Dichlorophenol	7.869	162	621445	44.747	ng		98
30) 1,2,4-Trichlorobenzene	7.945	180	658092	45.739	ng		98
31) Naphthalene	8.028	128	2068397	42.105	ng		99
32) Benzoic acid	7.816	122	377643m	40.075	ng		
33) 4-Chloroaniline	8.075	127	343082	17.285	ng		99
34) Hexachlorobutadiene	8.139	225	355064	44.525	ng		99
35) Caprolactam	8.463	113	226273m	48.499	ng		
36) 4-Chloro-3-methylphenol	8.575	107	667343	44.559	ng		98
37) 2-Methylnaphthalene	8.716	142	1373289	40.890	ng		99
38) 1-Methylnaphthalene	8.816	142	1276692	40.635	ng		99
40) 1,2,4,5-Tetrachloroben...	8.886	216	586268	45.021	ng		100
41) Hexachlorocyclopentadiene	8.869	237	594761	78.314	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	409111	45.428	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.045	196	441400	42.380	ng		98
46)	1,1'-Biphenyl	9.181	154	1690931	44.029	ng		99
47)	2-Chloronaphthalene	9.204	162	1286139	45.754	ng		99
48)	2-Nitroaniline	9.304	65	396762	42.708	ng		98
49)	Acenaphthylene	9.616	152	1944413	43.291	ng		100
50)	Dimethylphthalate	9.486	163	1561712	46.244	ng		99
51)	2,6-Dinitrotoluene	9.551	165	364110	47.903	ng	#	79
52)	Acenaphthene	9.792	154	1383534m	45.992	ng		
53)	3-Nitroaniline	9.716	138	204286	22.604	ng		99
54)	2,4-Dinitrophenol	9.833	184	359558	94.110	ng	#	87
55)	Dibenzofuran	9.963	168	1581944	38.552	ng		98
56)	4-Nitrophenol	9.898	139	484808	69.260	ng		95
57)	2,4-Dinitrotoluene	9.957	165	405102	41.792	ng		93
58)	Fluorene	10.304	166	1236273	41.122	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.086	232	338228	41.888	ng		95
60)	Diethylphthalate	10.186	149	1313370	41.173	ng		99
61)	4-Chlorophenyl-phenyle...	10.298	204	605623	41.338	ng		100
62)	4-Nitroaniline	10.339	138	358671	43.179	ng		92
63)	Azobenzene	10.457	77	1237648	36.626	ng		96
65)	4,6-Dinitro-2-methylph...	10.369	198	258952	50.518	ng		98
66)	n-Nitrosodiphenylamine	10.422	169	1144772	41.731	ng		99
67)	4-Bromophenyl-phenylether	10.786	248	392604	42.804	ng		98
68)	Hexachlorobenzene	10.857	284	429295	45.677	ng		97
69)	Atrazine	10.951	200	403420	51.037	ng		98
70)	Pentachlorophenol	11.057	266	440429	65.799	ng		96
71)	Phenanthrene	11.263	178	1883930	41.447	ng		100
72)	Anthracene	11.316	178	1934507	41.587	ng		99
73)	Carbazole	11.475	167	1758692	42.460	ng		100
74)	Di-n-butylphthalate	11.804	149	2113503	45.090	ng		99
75)	Fluoranthene	12.451	202	1887967	41.387	ng		98
77)	Benzidine	12.574	184	626076	69.941	ng	#	92
78)	Pyrene	12.680	202	1890851	41.670	ng		99
80)	Butylbenzylphthalate	13.304	149	821679	51.141	ng		94
81)	Benzo(a)anthracene	13.868	228	1520120	41.760	ng		99
82)	3,3'-Dichlorobenzidine	13.827	252	271620	27.011	ng	#	97
83)	Chrysene	13.904	228	1526678	41.950	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.863	149	959233	47.565	ng		99
85)	Di-n-octyl phthalate	14.468	149	1529125	46.502	ng		95
87)	Indeno(1,2,3-cd)pyrene	16.686	276	1231742	52.946	ng		98
88)	Benzo(b)fluoranthene	14.892	252	1342876	51.610	ng		98
89)	Benzo(k)fluoranthene	14.921	252	1118028	43.346	ng		99
90)	Benzo(a)pyrene	15.239	252	1006285	42.489	ng		99
91)	Dibenzo(a,h)anthracene	16.698	278	1004525	51.770	ng		98
92)	Benzo(g,h,i)perylene	17.104	276	1019143	53.202	ng		96

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

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