Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135622.D
Acq On : 06 Oct 2023 11:22
Operator : CG\JU
Sample : PB156122BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 06 11:47:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156122BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	150645	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	612786	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	309912	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	616554	20.000	ng		0.00
76) Chrysene-d12	13.933	240	341616	20.000	ng		0.00
86) Perylene-d12	15.398	264	282657	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.386	112	1090670	117.755	ng		0.02
7) Phenol-d6	6.398	99	1330406	112.962	ng		0.01
23) Nitrobenzene-d5	7.310	82	883498	78.331	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	339804	110.334	ng		0.01
45) 2-Fluorobiphenyl	9.098	172	1479302	72.016	ng		0.00
79) Terphenyl-d14	12.868	244	1627825	73.868	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	151016	37.193	ng		97
3) Pyridine	3.304	79	379100	34.691	ng		95
4) n-Nitrosodimethylamine	3.251	42	261991	45.178	ng		99
6) Aniline	6.410	93	418854	27.121	ng	#	1
8) 2-Chlorophenol	6.534	128	442524	44.756	ng		96
9) Benzaldehyde	6.298	77	106279	15.840	ng		98
10) Phenol	6.410	94	514837	39.865	ng		84
11) bis(2-Chloroethyl)ether	6.481	93	427056	44.084	ng		98
12) 1,3-Dichlorobenzene	6.681	146	423380	42.134	ng		97
13) 1,4-Dichlorobenzene	6.757	146	435030	42.552	ng		99
14) 1,2-Dichlorobenzene	6.910	146	403852	42.537	ng		97
15) Benzyl Alcohol	6.892	79	365333	43.228	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	777648	42.588	ng		57
17) 2-Methylphenol	7.010	107	353017	40.459	ng	#	92
18) Hexachloroethane	7.245	117	166928	44.191	ng		96
19) n-Nitroso-di-n-propyla...	7.163	70	292049	40.034	ng		96
20) 3+4-Methylphenols	7.169	107	443742	42.294	ng	#	64
22) Acetophenone	7.157	105	581393	41.499	ng		94
24) Nitrobenzene	7.328	77	475023	42.610	ng		99
25) Isophorone	7.569	82	873604	42.180	ng		98
26) 2-Nitrophenol	7.645	139	242534	45.329	ng		95
27) 2,4-Dimethylphenol	7.686	122	379543	42.201	ng		96
28) bis(2-Chloroethoxy)met...	7.775	93	543077	43.809	ng		100
29) 2,4-Dichlorophenol	7.892	162	364491	43.737	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	371596	42.660	ng		99
31) Naphthalene	8.039	128	1234099	41.450	ng		99
32) Benzoic acid	7.845	122	288379	42.582	ng		99
33) 4-Chloroaniline	8.098	127	293516	22.469	ng		98
34) Hexachlorobutadiene	8.151	225	202540	38.562	ng		98
35) Caprolactam	8.486	113	111518m	39.872	ng		
36) 4-Chloro-3-methylphenol	8.598	107	391111	42.227	ng		98
37) 2-Methylnaphthalene	8.733	142	767497	38.349	ng		100
38) 1-Methylnaphthalene	8.833	142	728827	38.897	ng		98
40) 1,2,4,5-Tetrachloroben...	8.904	216	360542	40.157	ng		99
41) Hexachlorocyclopentadiene	8.880	237	158825	43.825	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	243651	41.448	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	258647	38.206	ng		98
46) 1,1'-Biphenyl	9.204	154	958862	40.261	ng		98
47) 2-Chloronaphthalene	9.227	162	733799	42.465	ng		100
48) 2-Nitroaniline	9.333	65	298104	44.405	ng		94
49) Acenaphthylene	9.639	152	1160951	40.426	ng		99
50) Dimethylphthalate	9.510	163	878058	41.906	ng		100
51) 2,6-Dinitrotoluene	9.580	165	192215	41.875	ng		93
52) Acenaphthene	9.816	154	695433	40.992	ng		97
53) 3-Nitroaniline	9.751	138	168351	31.245	ng		98
54) 2,4-Dinitrophenol	9.874	184	201648	77.588	ng		95
55) Dibenzofuran	9.986	168	1002779	38.734	ng		96
56) 4-Nitrophenol	9.939	139	247217	72.193	ng		99
57) 2,4-Dinitrotoluene	9.992	165	235176	40.925	ng		91
58) Fluorene	10.333	166	804700	40.433	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	215485	41.379	ng		98
60) Diethylphthalate	10.210	149	893576	42.494	ng		99
61) 4-Chlorophenyl-phenyle...	10.321	204	380894	39.841	ng		98
62) 4-Nitroaniline	10.374	138	219153	42.314	ng		99
63) Azobenzene	10.486	77	907678	44.104	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	142441	43.497	ng		83
66) n-Nitrosodiphenylamine	10.451	169	773428	41.435	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	245692	40.067	ng		97
68) Hexachlorobenzene	10.880	284	266876	42.719	ng	#	87
69) Atrazine	10.986	200	232380	46.268	ng		97
70) Pentachlorophenol	11.086	266	200064	53.526	ng		99
71) Phenanthrene	11.298	178	1210082	41.498	ng		98
72) Anthracene	11.351	178	1242779	41.462	ng		100
73) Carbazole	11.516	167	1198467	43.923	ng		99
74) Di-n-butylphthalate	11.839	149	1422826	44.253	ng		99
75) Fluoranthene	12.498	202	1318373	43.389	ng		100
77) Benzidine	12.621	184	156472	22.358	ng		99
78) Pyrene	12.727	202	1331750	40.946	ng		100
80) Butylbenzylphthalate	13.345	149	563612	49.218	ng		96
81) Benzo(a)anthracene	13.921	228	959345	43.490	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	263426	38.232	ng	#	98
83) Chrysene	13.962	228	879260	40.091	ng		99
84) Bis(2-ethylhexyl)phtha...	13.909	149	722352	61.471	ng		98
85) Di-n-octyl phthalate	14.521	149	1027739	55.034	ng		99
87) Indeno(1,2,3-cd)pyrene	16.892	276	845555	45.625	ng		97
88) Benzo(b)fluoranthene	14.974	252	722374	47.210	ng		98
89) Benzo(k)fluoranthene	15.004	252	699311	46.266	ng		98
90) Benzo(a)pyrene	15.339	252	629033	43.109	ng		99
91) Dibenzo(a,h)anthracene	16.903	278	693952	45.763	ng		100
92) Benzo(g,h,i)perylene	17.345	276	729510	46.065	ng		99

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

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