Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135489.D
Acq On : 28 Sep 2023 12:56
Operator : CG\JU
Sample : PB155836BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 29 00:20:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 28 19:03:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155836BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/29/2023
Supervised By :mohammad ahmed
09/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	151118	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	599053	20.000	ng	#	0.00
39) Acenaphthene-d10	9.781	164	303066	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	578969	20.000	ng		0.00
76) Chrysene-d12	13.927	240	294856	20.000	ng		0.00
86) Perylene-d12	15.380	264	287497	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1197032	128.834	ng		0.01
7) Phenol-d6	6.398	99	1520451	128.694	ng		0.00
23) Nitrobenzene-d5	7.316	82	960180	87.081	ng		0.00
42) 2,4,6-Tribromophenol	10.581	330	332178	110.294	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1561428	77.731	ng		0.00
79) Terphenyl-d14	12.869	244	1601875	84.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	181698	44.609	ng		92
3) Pyridine	3.287	79	466626	42.566	ng		95
4) n-Nitrosodimethylamine	3.246	42	288397	49.576	ng		91
6) Aniline	6.416	93	458691	29.607	ng	#	76
8) 2-Chlorophenol	6.534	128	490118	49.414	ng		99
9) Benzaldehyde	6.304	77	96628	14.357	ng		98
10) Phenol	6.410	94	573307	44.254	ng		90
11) bis(2-Chloroethyl)ether	6.487	93	475194	48.900	ng		99
12) 1,3-Dichlorobenzene	6.687	146	473240	46.948	ng		96
13) 1,4-Dichlorobenzene	6.763	146	482215	47.020	ng		98
14) 1,2-Dichlorobenzene	6.910	146	450685	47.322	ng		99
15) Benzyl Alcohol	6.898	79	390261	46.033	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.022	45	857559	46.818	ng		85
17) 2-Methylphenol	7.010	107	392724	44.869	ng		96
18) Hexachloroethane	7.251	117	178347	47.066	ng		93
19) n-Nitroso-di-n-propyla...	7.163	70	307713	42.050	ng		93
20) 3+4-Methylphenols	7.169	107	459649	43.673	ng	#	75
22) Acetophenone	7.157	105	608322	44.416	ng		94
24) Nitrobenzene	7.334	77	507742	46.589	ng		98
25) Isophorone	7.569	82	946994	46.772	ng		97
26) 2-Nitrophenol	7.645	139	254664	48.687	ng		99
27) 2,4-Dimethylphenol	7.687	122	400170	45.515	ng		96
28) bis(2-Chloroethoxy)met...	7.781	93	575672	47.503	ng		99
29) 2,4-Dichlorophenol	7.892	162	378578	46.469	ng		98
30) 1,2,4-Trichlorobenzene	7.969	180	394365	46.312	ng		98
31) Naphthalene	8.045	128	1317946	45.281	ng		100
32) Benzoic acid	7.834	122	304581	46.006	ng		98
33) 4-Chloroaniline	8.104	127	324078	25.378	ng		98
34) Hexachlorobutadiene	8.157	225	216833	42.230	ng		99
35) Caprolactam	8.481	113	131898m	48.240	ng		
36) 4-Chloro-3-methylphenol	8.598	107	432524	47.768	ng		97
37) 2-Methylnaphthalene	8.739	142	824582	42.146	ng		100
38) 1-Methylnaphthalene	8.839	142	791133	43.190	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	382612	43.577	ng		99
41) Hexachlorocyclopentadiene	8.886	237	217446	58.402	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	260933	45.390	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.069	196	279166	42.168	ng		96
46)	1,1'-Biphenyl	9.204	154	1019990	43.795	ng		98
47)	2-Chloronaphthalene	9.228	162	774168	45.813	ng		98
48)	2-Nitroaniline	9.334	65	313890	47.813	ng		96
49)	Acenaphthylene	9.645	152	1258881	44.826	ng		100
50)	Dimethylphthalate	9.510	163	929359	45.356	ng		99
51)	2,6-Dinitrotoluene	9.581	165	210997	47.006	ng	#	84
52)	Acenaphthene	9.816	154	741752	44.710	ng		97
53)	3-Nitroaniline	9.751	138	179207	34.011	ng		95
54)	2,4-Dinitrophenol	9.869	184	205612	80.634	ng		93
55)	Dibenzofuran	9.992	168	1042125	41.164	ng		99
56)	4-Nitrophenol	9.933	139	295148	88.137	ng		92
57)	2,4-Dinitrotoluene	9.986	165	244305	43.474	ng	#	81
58)	Fluorene	10.333	166	858915	44.132	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.116	232	236454	46.431	ng		97
60)	Diethylphthalate	10.210	149	915741	44.531	ng		98
61)	4-Chlorophenyl-phenyle...	10.328	204	385630	41.248	ng		94
62)	4-Nitroaniline	10.369	138	235866	46.569	ng		99
63)	Azobenzene	10.486	77	952355	47.320	ng		97
65)	4,6-Dinitro-2-methylph...	10.404	198	148725	48.364	ng		89
66)	n-Nitrosodiphenylamine	10.451	169	804461	45.896	ng		99
67)	4-Bromophenyl-phenylether	10.816	248	252316	43.818	ng		95
68)	Hexachlorobenzene	10.880	284	267031	45.519	ng	#	89
69)	Atrazine	10.980	200	246203	52.202	ng		99
70)	Pentachlorophenol	11.086	266	213348	60.786	ng		97
71)	Phenanthrene	11.298	178	1267766	46.298	ng		99
72)	Anthracene	11.351	178	1298379	46.129	ng		99
73)	Carbazole	11.510	167	1270905	49.601	ng		99
74)	Di-n-butylphthalate	11.839	149	1466894	48.585	ng		99
75)	Fluoranthene	12.492	202	1356854	47.555	ng		98
77)	Benzidine	12.616	184	251460	41.628	ng		99
78)	Pyrene	12.722	202	1371465	48.854	ng		100
80)	Butylbenzylphthalate	13.345	149	524495	53.066	ng		98
81)	Benzo(a)anthracene	13.916	228	913321	47.969	ng		98
82)	3,3'-Dichlorobenzidine	13.880	252	228818	38.476	ng	#	97
83)	Chrysene	13.957	228	899170	47.500	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.904	149	616830	60.816	ng		99
85)	Di-n-octyl phthalate	14.521	149	942504	58.473	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.862	276	929057	49.286	ng		96
88)	Benzo(b)fluoranthene	14.963	252	792603	50.928	ng	#	97
89)	Benzo(k)fluoranthene	14.992	252	770292	50.104	ng		98
90)	Benzo(a)pyrene	15.321	252	713308	48.061	ng		98
91)	Dibenzo(a,h)anthracene	16.868	278	743264	48.190	ng		99
92)	Benzo(g,h,i)perylene	17.304	276	787641	48.898	ng		95

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

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