Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135627.D
Acq On : 06 Oct 2023 14:07
Operator : CG\JU
Sample : 04714-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 06 14:42:43 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 :
TP-1MS

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	143150	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	544559	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	274121	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	525799	20.000	ng		0.00
76) Chrysene-d12	13.933	240	278148	20.000	ng		0.00
86) Perylene-d12	15.398	264	282005	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	1106542	125.723	ng		0.03
7) Phenol-d6	6.398	99	1301057	116.254	ng		0.01
23) Nitrobenzene-d5	7.310	82	926850	92.470	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	339633	124.677	ng		0.01
45) 2-Fluorobiphenyl	9.098	172	1509684	83.091	ng		0.00
79) Terphenyl-d14	12.868	244	1544931	86.103	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	183323	47.513	ng	#	80
3) Pyridine	3.369	79	376034	36.212	ng		99
4) n-Nitrosodimethylamine	3.298	42	277078	50.282	ng		96
6) Aniline	6.416	93	319759	21.788	ng	#	1
8) 2-Chlorophenol	6.534	128	465135	49.506	ng		99
9) Benzaldehyde	6.298	77	183763	28.823	ng		97
10) Phenol	6.410	94	519049	42.296	ng		95
11) bis(2-Chloroethyl)ether	6.487	93	507016	55.079	ng		98
12) 1,3-Dichlorobenzene	6.681	146	439959	46.076	ng		99
13) 1,4-Dichlorobenzene	6.757	146	448497	46.167	ng		99
14) 1,2-Dichlorobenzene	6.910	146	414873	45.986	ng		98
15) Benzyl Alcohol	6.898	79	397698	49.521	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.016	45	803873	46.330	ng	#	46
17) 2-Methylphenol	7.010	107	359914	43.409	ng	#	90
18) Hexachloroethane	7.245	117	169270	47.157	ng		95
19) n-Nitroso-di-n-propyla...	7.163	70	314624	45.387	ng		96
20) 3+4-Methylphenols	7.169	107	461071	46.246	ng	#	67
22) Acetophenone	7.157	105	627795	50.425	ng		91
24) Nitrobenzene	7.328	77	489494	49.409	ng		99
25) Isophorone	7.569	82	925300	50.273	ng		99
26) 2-Nitrophenol	7.645	139	252984	53.206	ng		92
27) 2,4-Dimethylphenol	7.686	122	368209	46.071	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	554897	50.371	ng		100
29) 2,4-Dichlorophenol	7.892	162	380218	51.341	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	373027	48.190	ng		99
31) Naphthalene	8.039	128	1245646	47.079	ng		99
32) Benzoic acid	7.851	122	298074	49.528	ng		97
33) 4-Chloroaniline	8.116	127	123188	10.612	ng		98
34) Hexachlorobutadiene	8.151	225	207327	44.419	ng		99
35) Caprolactam	8.486	113	120819m	48.610	ng		
36) 4-Chloro-3-methylphenol	8.604	107	406785	49.421	ng		97
37) 2-Methylnaphthalene	8.733	142	795806	44.745	ng		97
38) 1-Methylnaphthalene	8.833	142	762770	45.808	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	381416	48.028	ng		99
41) Hexachlorocyclopentadiene	8.880	237	186195	55.683	ng		97
43) 2,4,6-Trichlorophenol	9.022	196	253588	48.770	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	278962	46.587	ng		97
46) 1,1'-Biphenyl	9.198	154	1014644	48.165	ng		98
47) 2-Chloronaphthalene	9.228	162	756414	49.489	ng		98
48) 2-Nitroaniline	9.333	65	304580	51.294	ng		95
49) Acenaphthylene	9.639	152	1215423	47.848	ng		99
50) Dimethylphthalate	9.510	163	919316	49.603	ng		100
51) 2,6-Dinitrotoluene	9.580	165	198983	49.010	ng		92
52) Acenaphthene	9.816	154	718560	47.885	ng		97
53) 3-Nitroaniline	9.751	138	126298	26.501	ng		94
54) 2,4-Dinitrophenol	9.875	184	187852	81.385	ng		89
55) Dibenzofuran	9.986	168	1040769	45.451	ng		97
56) 4-Nitrophenol	9.939	139	230692	76.163	ng		97
57) 2,4-Dinitrotoluene	9.992	165	234616	46.159	ng		90
58) Fluorene	10.333	166	830365	47.170	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	224797	48.803	ng		99
60) Diethylphthalate	10.210	149	910923	48.975	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	386742	45.735	ng		97
62) 4-Nitroaniline	10.374	138	212048	46.287	ng		98
63) Azobenzene	10.486	77	901371	49.516	ng		99
65) 4,6-Dinitro-2-methylph...	10.404	198	129237	46.277	ng		97
66) n-Nitrosodiphenylamine	10.451	169	786488	49.408	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	248162	47.455	ng		99
68) Hexachlorobenzene	10.880	284	270061	50.691	ng	#	91
69) Atrazine	10.986	200	241781	56.449	ng		100
70) Pentachlorophenol	11.086	266	249913	78.404	ng		98
71) Phenanthrene	11.298	178	1217178	48.945	ng		99
72) Anthracene	11.351	178	1250281	48.912	ng		99
73) Carbazole	11.516	167	1180989	50.753	ng		99
74) Di-n-butylphthalate	11.839	149	1415633	51.629	ng		99
75) Fluoranthene	12.498	202	1302927	50.282	ng		99
77) Benzidine	12.621	184	188802	33.133	ng		98
78) Pyrene	12.727	202	1313631	49.605	ng		100
80) Butylbenzylphthalate	13.345	149	526688	56.489	ng		95
81) Benzo(a)anthracene	13.921	228	919754	51.209	ng		98
82) 3,3'-Dichlorobenzidine	13.886	252	191405	34.118	ng		98
83) Chrysene	13.963	228	881908	49.387	ng		100
84) Bis(2-ethylhexyl)phtha...	13.904	149	664187	69.419	ng		99
85) Di-n-octyl phthalate	14.521	149	987930	64.973	ng		100
87) Indeno(1,2,3-cd)pyrene	16.898	276	889774	48.122	ng		97
88) Benzo(b)fluoranthene	14.974	252	781314	51.180	ng	#	98
89) Benzo(k)fluoranthene	15.004	252	740886	49.130	ng		98
90) Benzo(a)pyrene	15.339	252	693215	47.617	ng		99
91) Dibenzo(a,h)anthracene	16.898	278	721332	47.679	ng		99
92) Benzo(g,h,i)perylene	17.339	276	751770	47.580	ng		96

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

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