Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134158.D
Acq On : 08 Jul 2023 20:31
Operator : CG\JU
Sample : 03476-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 09 00:40:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-2MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

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07/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	146935	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	600336	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	306870	20.000	ng		0.00
64) Phenanthrene-d10	11.381	188	582585	20.000	ng		0.00
76) Chrysene-d12	14.045	240	296808	20.000	ng		0.00
86) Perylene-d12	15.545	264	297483	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1010628	115.054	ng		0.00
7) Phenol-d6	6.493	99	1311547	121.411	ng		0.00
23) Nitrobenzene-d5	7.416	82	884155	79.390	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	436126	113.352	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1507451	71.420	ng		0.00
79) Terphenyl-d14	12.980	244	1603493	86.948	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	136335	37.642	ng		98
3) Pyridine	3.505	79	355781	37.712	ng		99
4) n-Nitrosodimethylamine	3.475	42	247920	46.012	ng		97
6) Aniline	6.516	93	606518	46.140	ng		94
8) 2-Chlorophenol	6.634	128	473703	53.125	ng		99
9) Benzaldehyde	6.404	77	330503	67.055	ng		99
10) Phenol	6.510	94	559467	49.257	ng	#	68
11) bis(2-Chloroethyl)ether	6.587	93	430943	51.536	ng		100
12) 1,3-Dichlorobenzene	6.787	146	485295	51.050	ng		99
13) 1,4-Dichlorobenzene	6.863	146	486425	50.660	ng		99
14) 1,2-Dichlorobenzene	7.016	146	488225	54.292	ng		99
15) Benzyl Alcohol	6.993	79	439813	52.813	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	760873	51.433	ng		97
17) 2-Methylphenol	7.104	107	398361	49.890	ng		97
18) Hexachloroethane	7.351	117	191154	53.691	ng		93
19) n-Nitroso-di-n-propyla...	7.269	70	332044	48.469	ng		99
20) 3+4-Methylphenols	7.263	107	454780	46.948	ng		94
22) Acetophenone	7.263	105	632062	46.294	ng		99
24) Nitrobenzene	7.434	77	524663	46.620	ng		95
25) Isophorone	7.669	82	984835	48.657	ng		99
26) 2-Nitrophenol	7.745	139	277854	51.466	ng		96
27) 2,4-Dimethylphenol	7.787	122	390310	45.673	ng		97
28) bis(2-Chloroethoxy)met...	7.881	93	525067	44.802	ng		98
29) 2,4-Dichlorophenol	7.992	162	396760	46.820	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	424923	48.596	ng		98
31) Naphthalene	8.151	128	1333008	45.969	ng		99
32) Benzoic acid	7.934	122	304839	47.604	ng		97
33) 4-Chloroaniline	8.198	127	365302	29.450	ng		99
34) Hexachlorobutadiene	8.263	225	270777	49.092	ng		99
35) Caprolactam	8.592	113	139794m	50.101	ng		
36) 4-Chloro-3-methylphenol	8.687	107	433259	45.511	ng		96
37) 2-Methylnaphthalene	8.839	142	905873	44.175	ng		99
38) 1-Methylnaphthalene	8.939	142	818393	42.930	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	423303	46.560	ng		99
41) Hexachlorocyclopentadiene	8.992	237	431277	99.990	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	293198	47.374	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	322135	44.250	ng	94
46) 1,1'-Biphenyl	9.310	154	1124821	45.695	ng	97
47) 2-Chloronaphthalene	9.334	162	845915	46.967	ng	97
48) 2-Nitroaniline	9.434	65	300279	45.747	ng	100
49) Acenaphthylene	9.751	152	1336975	43.455	ng	99
50) Dimethylphthalate	9.616	163	1047375	47.019	ng	100
51) 2,6-Dinitrotoluene	9.681	165	219853	45.823	ng	95
52) Acenaphthene	9.922	154	822910	46.095	ng	100
53) 3-Nitroaniline	9.851	138	216797	37.666	ng	98
54) 2,4-Dinitrophenol	9.963	184	268627	96.131	ng	96
55) Dibenzofuran	10.098	168	1201870	43.077	ng	100
56) 4-Nitrophenol	10.022	139	371878	92.366	ng	97
57) 2,4-Dinitrotoluene	10.086	165	293161	46.268	ng	90
58) Fluorene	10.439	166	961978	44.318	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	267701	46.618	ng	97
60) Diethylphthalate	10.316	149	1073942	46.275	ng	99
61) 4-Chlorophenyl-phenyle...	10.434	204	465363	44.487	ng	97
62) 4-Nitroaniline	10.475	138	253904	43.772	ng	99
63) Azobenzene	10.592	77	1114493	50.768	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	165127	51.989	ng	99
66) n-Nitrosodiphenylamine	10.557	169	863226	46.376	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	297834	48.098	ng	92
68) Hexachlorobenzene	10.992	284	335606	51.046	ng	94
69) Atrazine	11.086	200	290743	56.469	ng	99
70) Pentachlorophenol	11.186	266	323826	82.376	ng	98
71) Phenanthrene	11.410	178	1300932	44.358	ng	99
72) Anthracene	11.463	178	1351227	44.296	ng	99
73) Carbazole	11.622	167	1206085	43.196	ng	99
74) Di-n-butylphthalate	11.951	149	2678408	80.666	ng	98
75) Fluoranthene	12.604	202	1340135	42.267	ng	99
77) Benzidine	12.727	184	546035	77.316	ng	99
78) Pyrene	12.833	202	1390556	50.342	ng	100
80) Butylbenzylphthalate	13.457	149	585862	56.553	ng	98
81) Benzo(a)anthracene	14.033	228	966816	46.969	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	312306	47.889	ng	99
83) Chrysene	14.069	228	928756	46.584	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	744596	62.551	ng	99
85) Di-n-octyl phthalate	14.639	149	1156105	66.097	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1037821	50.276	ng	99
88) Benzo(b)fluoranthene	15.104	252	914149	52.260	ng	99
89) Benzo(k)fluoranthene	15.133	252	918542	51.575	ng	98
90) Benzo(a)pyrene	15.486	252	800163	47.306	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	854257	50.666	ng	98
92) Benzo(g,h,i)perylene	17.574	276	821380	47.241	ng	98

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

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