Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134132.D
Acq On : 07 Jul 2023 11:50
Operator : CG\JU
Sample : 03375-05MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 07 13:51:12 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 :
SB-2(8-10)MS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	110328	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	423660	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	195718	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	311006	20.000	ng	#	0.00
76) Chrysene-d12	14.045	240	195565	20.000	ng		0.00
86) Perylene-d12	15.545	264	226198	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	731052	110.840	ng		0.00
7) Phenol-d6	6.492	99	894721	110.307	ng		0.00
23) Nitrobenzene-d5	7.416	82	606221	77.134	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	258780	105.456	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1020778	75.829	ng		0.00
79) Terphenyl-d14	12.980	244	819489	67.441	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	100369	36.907	ng		99
3) Pyridine	3.475	79	254678	35.953	ng		99
4) n-Nitrosodimethylamine	3.440	42	181397	44.836	ng	#	98
6) Aniline	6.522	93	375300	38.023	ng		96
8) 2-Chlorophenol	6.634	128	301018	44.960	ng		98
9) Benzaldehyde	6.398	77	214175	52.094	ng		94
10) Phenol	6.504	94	377218	44.231	ng		91
11) bis(2-Chloroethyl)ether	6.586	93	278355	44.333	ng		99
12) 1,3-Dichlorobenzene	6.786	146	318312	44.594	ng		100
13) 1,4-Dichlorobenzene	6.863	146	320483	44.452	ng		99
14) 1,2-Dichlorobenzene	7.016	146	306498	45.393	ng		100
15) Benzyl Alcohol	6.992	79	275791	44.105	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	451175	40.618	ng		97
17) 2-Methylphenol	7.104	107	255117	42.551	ng		97
18) Hexachloroethane	7.351	117	122410	45.790	ng		93
19) n-Nitroso-di-n-propyla...	7.263	70	213232	41.454	ng		99
20) 3+4-Methylphenols	7.257	107	302050	41.528	ng		96
22) Acetophenone	7.257	105	426045	44.218	ng		97
24) Nitrobenzene	7.433	77	333305	41.967	ng		97
25) Isophorone	7.669	82	592691	41.494	ng		98
26) 2-Nitrophenol	7.745	139	168898	44.331	ng		96
27) 2,4-Dimethylphenol	7.781	122	268418	44.508	ng		93
28) bis(2-Chloroethoxy)met...	7.875	93	337925	40.858	ng		99
29) 2,4-Dichlorophenol	7.986	162	257716	43.094	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	267430	43.339	ng		99
31) Naphthalene	8.151	128	848170	41.447	ng		99
32) Benzoic acid	7.916	122	189892	42.020	ng		95
33) 4-Chloroaniline	8.204	127	233128	26.632	ng		98
34) Hexachlorobutadiene	8.263	225	170197	43.724	ng		99
35) Caprolactam	8.580	113	81090m	41.182	ng		
36) 4-Chloro-3-methylphenol	8.686	107	289812	43.138	ng		97
37) 2-Methylnaphthalene	8.839	142	562936	38.900	ng		99
38) 1-Methylnaphthalene	8.939	142	525709	39.077	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	267550	46.142	ng		99
41) Hexachlorocyclopentadiene	8.992	237	207048	75.266	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	179875	45.570	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	193057	41.580	ng		99
46) 1,1'-Biphenyl	9.310	154	695555	44.303	ng		97
47) 2-Chloronaphthalene	9.333	162	516591	44.972	ng		98
48) 2-Nitroaniline	9.433	65	187569	44.804	ng		96
49) Acenaphthylene	9.751	152	795176	40.523	ng		98
50) Dimethylphthalate	9.610	163	604507	42.549	ng		99
51) 2,6-Dinitrotoluene	9.675	165	133564	43.648	ng	#	86
52) Acenaphthene	9.922	154	470585	41.330	ng		100
53) 3-Nitroaniline	9.845	138	122047	33.246	ng	#	93
54) 2,4-Dinitrophenol	9.957	184	133213	75.605	ng		91
55) Dibenzofuran	10.098	168	705884	39.668	ng		98
56) 4-Nitrophenol	10.016	139	192426	74.938	ng	#	78
57) 2,4-Dinitrotoluene	10.086	165	169486	41.940	ng		94
58) Fluorene	10.445	166	543768	39.278	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	138688	37.868	ng		98
60) Diethylphthalate	10.316	149	581426	39.281	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	264418	39.633	ng		97
62) 4-Nitroaniline	10.469	138	117904	31.869	ng		85
63) Azobenzene	10.598	77	578567	41.323	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	80712	47.601	ng	#	55
66) n-Nitrosodiphenylamine	10.551	169	472516	47.552	ng		98
67) 4-Bromophenyl-phenylether	10.927	248	164606	49.796	ng		96
68) Hexachlorobenzene	10.992	284	176338	50.242	ng		95
69) Atrazine	11.086	200	138980	50.564	ng		93
70) Pentachlorophenol	11.192	266	173700	82.771	ng		99
71) Phenanthrene	11.410	178	687148	43.889	ng		98
72) Anthracene	11.463	178	699051	42.927	ng		98
73) Carbazole	11.621	167	615240	41.276	ng		99
74) Di-n-butylphthalate	11.951	149	745351	42.050	ng		99
75) Fluoranthene	12.610	202	666039	39.350	ng		97
77) Benzidine	12.733	184	40153	8.629	ng	#	80
78) Pyrene	12.839	202	675790	37.131	ng		100
80) Butylbenzylphthalate	13.457	149	274204	40.171	ng		95
81) Benzo(a)anthracene	14.033	228	551705	40.678	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	117039	27.238	ng		99
83) Chrysene	14.074	228	557033	42.404	ng		98
84) Bis(2-ethylhexyl)phtha...	14.021	149	341788	43.577	ng		100
85) Di-n-octyl phthalate	14.639	149	595812	51.699	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	634566	40.429	ng		98
88) Benzo(b)fluoranthene	15.104	252	569146	42.791	ng		99
89) Benzo(k)fluoranthene	15.133	252	591664	43.691	ng		98
90) Benzo(a)pyrene	15.486	252	519852	40.419	ng		98
91) Dibenzo(a,h)anthracene	17.109	278	529974	41.339	ng		98
92) Benzo(g,h,i)perylene	17.568	276	498699	37.721	ng		96

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

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