Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
Data File : BF133210.D
Acq On : 03 May 2023 16:43
Operator : CG\JU
Sample : 02583-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 03 17:32:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:31:52 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CF-24MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	197905	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	818790	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	422731	20.000	ng		0.00
64) Phenanthrene-d10	11.251	188	684165	20.000	ng		0.00
76) Chrysene-d12	13.886	240	330693	20.000	ng		0.00
86) Perylene-d12	15.304	264	400793	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1241961	94.799	ng		0.01
7) Phenol-d6	6.375	99	1509643	92.838	ng		0.00
23) Nitrobenzene-d5	7.298	82	910020	59.991	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	229449	53.971	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	1597427	63.220	ng		0.00
79) Terphenyl-d14	12.833	244	1320737	68.881	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	279852	46.053	ng		98
3) Pyridine	3.157	79	714217	44.252	ng		97
4) n-Nitrosodimethylamine	3.122	42	390398	46.699	ng		97
6) Aniline	6.392	93	555302	26.514	ng	#	10
8) 2-Chlorophenol	6.516	128	700823	52.686	ng		97
9) Benzaldehyde	6.275	77	383216	60.731	ng		98
10) Phenol	6.392	94	850121	47.390	ng		82
11) bis(2-Chloroethyl)ether	6.469	93	661113	49.111	ng		98
12) 1,3-Dichlorobenzene	6.675	146	725170	51.277	ng		97
13) 1,4-Dichlorobenzene	6.751	146	728032	51.365	ng		97
14) 1,2-Dichlorobenzene	6.904	146	698280	53.438	ng		100
15) Benzyl Alcohol	6.881	79	584459	52.033	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1090508	46.641	ng		95
17) 2-Methylphenol	6.998	107	580748	47.680	ng		98
18) Hexachloroethane	7.245	117	254941	51.736	ng		99
19) n-Nitroso-di-n-propyla...	7.157	70	451014	44.552	ng		93
20) 3+4-Methylphenols	7.151	107	679245	47.354	ng	#	82
22) Acetophenone	7.145	105	919487	48.478	ng		97
24) Nitrobenzene	7.316	77	716898	46.638	ng		99
25) Isophorone	7.557	82	1341453	46.576	ng		99
26) 2-Nitrophenol	7.634	139	368862	49.751	ng		95
27) 2,4-Dimethylphenol	7.681	122	638237	50.203	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	818004	48.009	ng		99
29) 2,4-Dichlorophenol	7.881	162	567206	49.010	ng		98
30) 1,2,4-Trichlorobenzene	7.957	180	603169	50.307	ng		98
31) Naphthalene	8.039	128	1912789	46.725	ng		99
33) 4-Chloroaniline	8.086	127	385245	23.292	ng		99
34) Hexachlorobutadiene	8.157	225	322216	48.488	ng		99
35) Caprolactam	8.445	113	161821m	41.622	ng		
36) 4-Chloro-3-methylphenol	8.581	107	606429	48.591	ng		97
37) 2-Methylnaphthalene	8.728	142	1274175	45.526	ng		97
38) 1-Methylnaphthalene	8.828	142	1194919	45.639	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	533466	46.935	ng		99
41) Hexachlorocyclopentadiene	8.886	237	480981	72.560	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	293691	37.363	ng		99
44) 2,4,5-Trichlorophenol	9.051	196	308795	33.968	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.192	154	1562674	46.618	ng		100
47) 2-Chloronaphthalene	9.216	162	1190309	48.515	ng		98
48) 2-Nitroaniline	9.316	65	385872	47.587	ng		99
49) Acenaphthylene	9.633	152	1816602	46.338	ng		100
50) Dimethylphthalate	9.498	163	1422421	48.256	ng		100
51) 2,6-Dinitrotoluene	9.557	165	329938	49.732	ng		96
52) Acenaphthene	9.804	154	1119276	42.629	ng		99
53) 3-Nitroaniline	9.728	138	289810	36.739	ng		95
54) 2,4-Dinitrophenol	9.833	184	798	0.239	ng	#	65
55) Dibenzofuran	9.975	168	1622144	45.291	ng		98
56) 4-Nitrophenol	9.892	139	307445	50.321	ng		96
57) 2,4-Dinitrotoluene	9.963	165	420048	49.647	ng	#	85
58) Fluorene	10.316	166	1179817	44.962	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	156853	22.256	ng		98
60) Diethylphthalate	10.198	149	1324569	47.574	ng		97
61) 4-Chlorophenyl-phenyle...	10.310	204	576386	45.074	ng		97
62) 4-Nitroaniline	10.339	138	364610	50.290	ng		99
63) Azobenzene	10.469	77	1383724	46.915	ng		99
65) 4,6-Dinitro-2-methylph...	10.363	198	5278	1.273	ng	#	63
66) n-Nitrosodiphenylamine	10.428	169	1114668	50.227	ng		99
67) 4-Bromophenyl-phenylether	10.798	248	361878	48.770	ng		96
68) Hexachlorobenzene	10.869	284	386939	50.891	ng		98
69) Atrazine	10.963	200	360682	56.404	ng		99
70) Pentachlorophenol	11.063	266	52164	9.633	ng		98
71) Phenanthrene	11.275	178	1716825	46.689	ng		99
72) Anthracene	11.327	178	1752674	46.574	ng		99
73) Carbazole	11.480	167	1553116	46.350	ng		99
74) Di-n-butylphthalate	11.816	149	1930715	50.915	ng		100
75) Fluoranthene	12.463	202	1464093	39.672	ng		96
77) Benzidine	12.580	184	505701	90.430	ng	#	93
78) Pyrene	12.686	202	1438536	50.746	ng		99
80) Butylbenzylphthalate	13.310	149	611041	60.877	ng		95
81) Benzo(a)anthracene	13.874	228	1061647	46.685	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	243266	38.723	ng		99
83) Chrysene	13.910	228	1078027	47.417	ng		100
84) Bis(2-ethylhexyl)phtha...	13.874	149	723634	57.437	ng		99
85) Di-n-octyl phthalate	14.486	149	1357923	66.102	ng		99
87) Indeno(1,2,3-cd)pyrene	16.686	276	1112036	48.778	ng		98
88) Benzo(b)fluoranthene	14.904	252	1244329	48.801	ng		100
89) Benzo(k)fluoranthene	14.933	252	1141122	45.147	ng		99
90) Benzo(a)pyrene	15.251	252	1079383	46.508	ng		98
91) Dibenzo(a,h)anthracene	16.704	278	938658	49.365	ng		98
92) Benzo(g,h,i)perylene	17.104	276	818506	43.602	ng		98

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

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