Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
Data File : BF133189.D
Acq On : 02 May 2023 15:17
Operator : CG\JU
Sample : 02270-26MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 03 04:54:28 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 04:52:44 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	208070	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	859805	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	435519	20.000	ng		0.00
64) Phenanthrene-d10	11.251	188	758642	20.000	ng		0.00
76) Chrysene-d12	13.886	240	432745	20.000	ng	#	0.00
86) Perylene-d12	15.304	264	384888	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1455889	105.699	ng		0.02
7) Phenol-d6	6.381	99	1832223	107.171	ng		0.00
23) Nitrobenzene-d5	7.298	82	1130314	70.959	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	451688	103.126	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	1909246	73.342	ng		0.00
79) Terphenyl-d14	12.839	244	2065982	82.338	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	302834	47.400	ng		97
3) Pyridine	3.199	79	743480	43.815	ng		97
4) n-Nitrosodimethylamine	3.163	42	400120	45.524	ng		92
6) Aniline	6.404	93	276056	12.537	ng	#	87
8) 2-Chlorophenol	6.522	128	718149	51.351	ng		93
9) Benzaldehyde	6.275	77	416722	65.125	ng		99
10) Phenol	6.392	94	878878	46.599	ng		99
11) bis(2-Chloroethyl)ether	6.469	93	961395	67.929	ng		96
12) 1,3-Dichlorobenzene	6.675	146	733706	49.346	ng		96
13) 1,4-Dichlorobenzene	6.751	146	746571	50.100	ng		97
14) 1,2-Dichlorobenzene	6.904	146	720459	52.442	ng		99
15) Benzyl Alcohol	6.881	79	592685	50.187	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1084594	44.122	ng		94
17) 2-Methylphenol	6.998	107	581368	45.399	ng		98
18) Hexachloroethane	7.245	117	263211	50.805	ng		99
19) n-Nitroso-di-n-propyla...	7.157	70	465424	43.729	ng		94
20) 3+4-Methylphenols	7.151	107	719104	47.683	ng	#	85
22) Acetophenone	7.145	105	950590	47.727	ng	#	95
24) Nitrobenzene	7.316	77	740026	45.846	ng		96
25) Isophorone	7.557	82	1358574	44.920	ng		99
26) 2-Nitrophenol	7.634	139	410373	52.710	ng		95
27) 2,4-Dimethylphenol	7.681	122	646333	48.415	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	817054	45.666	ng		99
29) 2,4-Dichlorophenol	7.881	162	586279	48.241	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	610313	48.474	ng		99
31) Naphthalene	8.039	128	1981757	46.101	ng		99
32) Benzoic acid	7.822	122	504018	61.122	ng		96
33) 4-Chloroaniline	8.116	127	195358m	11.248	ng		
34) Hexachlorobutadiene	8.157	225	329058	47.155	ng		99
35) Caprolactam	8.469	113	212346m	52.012	ng		
36) 4-Chloro-3-methylphenol	8.581	107	630569	48.115	ng		97
37) 2-Methylnaphthalene	8.728	142	1310298	44.584	ng		99
38) 1-Methylnaphthalene	8.828	142	1229721	44.728	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	530977	45.344	ng		98
41) Hexachlorocyclopentadiene	8.886	237	639943	93.706	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	395219	48.803	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	417541	44.582	ng		96
46) 1,1'-Biphenyl	9.198	154	1593073	46.130	ng		98
47) 2-Chloronaphthalene	9.216	162	1207328	47.764	ng		98
48) 2-Nitroaniline	9.316	65	386851	46.307	ng		97
49) Acenaphthylene	9.633	152	1850041	45.806	ng		100
50) Dimethylphthalate	9.498	163	1414793	46.588	ng		100
51) 2,6-Dinitrotoluene	9.557	165	335170	49.037	ng		95
52) Acenaphthene	9.804	154	1369661m	50.633	ng		
53) 3-Nitroaniline	9.728	138	257005	31.624	ng		94
54) 2,4-Dinitrophenol	9.833	184	393371	114.498	ng		97
55) Dibenzofuran	9.980	168	1659928	44.985	ng		100
56) 4-Nitrophenol	9.904	139	606425	96.342	ng		94
57) 2,4-Dinitrotoluene	9.963	165	425538	48.819	ng		93
58) Fluorene	10.322	166	1206501	44.629	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	345222	47.545	ng		97
60) Diethylphthalate	10.198	149	1316777	45.906	ng		100
61) 4-Chlorophenyl-phenyle...	10.310	204	583330	44.278	ng		96
62) 4-Nitroaniline	10.345	138	325869	43.627	ng		96
63) Azobenzene	10.475	77	1388333	45.689	ng		95
65) 4,6-Dinitro-2-methylph...	10.369	198	265381	57.713	ng		81
66) n-Nitrosodiphenylamine	10.433	169	1125058	45.718	ng		99
67) 4-Bromophenyl-phenylether	10.798	248	378411	45.991	ng		94
68) Hexachlorobenzene	10.869	284	411430	48.799	ng		100
69) Atrazine	10.963	200	369043	52.046	ng		99
70) Pentachlorophenol	11.063	266	479026	79.777	ng		97
71) Phenanthrene	11.280	178	1837845	45.073	ng		99
72) Anthracene	11.327	178	1887111	45.224	ng		99
73) Carbazole	11.486	167	1706188	45.919	ng		99
74) Di-n-butylphthalate	11.822	149	2028972	48.253	ng		99
75) Fluoranthene	12.463	202	1830166	44.723	ng		99
77) Benzidine	12.586	184	512400	70.020	ng	#	93
78) Pyrene	12.692	202	1862011	50.194	ng		99
80) Butylbenzylphthalate	13.316	149	814764	62.031	ng		99
81) Benzo(a)anthracene	13.880	228	1341842	45.091	ng		99
82) 3,3'-Dichlorobenzidine	13.839	252	382937	46.581	ng		99
83) Chrysene	13.916	228	1352875	45.473	ng		100
84) Bis(2-ethylhexyl)phtha...	13.874	149	916746	55.606	ng		99
85) Di-n-octyl phthalate	14.486	149	1596767	59.398	ng		98
87) Indeno(1,2,3-cd)pyrene	16.692	276	1339941	61.203	ng		99
88) Benzo(b)fluoranthene	14.904	252	1171632	47.849	ng		98
89) Benzo(k)fluoranthene	14.933	252	1131896	46.632	ng		99
90) Benzo(a)pyrene	15.251	252	1007974	45.226	ng		99
91) Dibenzo(a,h)anthracene	16.709	278	1117193	61.182	ng		98
92) Benzo(g,h,i)perylene	17.109	276	1124608	62.384	ng		98

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

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