Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133071.D
Acq On : 26 Apr 2023 18:31
Operator : CG\JU
Sample : 02448-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 01:59:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 01:56:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	172851	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	716749	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	379320	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	680751	20.000	ng		0.00
76) Chrysene-d12	13.892	240	376957	20.000	ng		0.00
86) Perylene-d12	15.304	264	381562	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1200651	104.929	ng		0.01
7) Phenol-d6	6.381	99	1502244	105.773	ng		0.00
23) Nitrobenzene-d5	7.304	82	871721	65.647	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	401194	105.168	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1459451	64.369	ng		0.00
79) Terphenyl-d14	12.839	244	1671693	76.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	244242	46.019	ng		97
3) Pyridine	3.152	79	616782	43.754	ng		94
4) n-Nitrosodimethylamine	3.110	42	329291	45.099	ng		95
6) Aniline	6.398	93	801617	43.822	ng	#	87
8) 2-Chlorophenol	6.522	128	607830	52.319	ng		94
9) Benzaldehyde	6.281	77	372161	78.130	ng		99
10) Phenol	6.393	94	731527	46.689	ng	#	73
11) bis(2-Chloroethyl)ether	6.475	93	574585	48.870	ng		98
12) 1,3-Dichlorobenzene	6.675	146	644010	52.139	ng		100
13) 1,4-Dichlorobenzene	6.751	146	640821	51.766	ng		99
14) 1,2-Dichlorobenzene	6.904	146	617760	54.128	ng		96
15) Benzyl Alcohol	6.887	79	498054	50.767	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	941908	46.124	ng		98
17) 2-Methylphenol	6.998	107	491558	46.207	ng		98
18) Hexachloroethane	7.251	117	223009	51.816	ng		98
19) n-Nitroso-di-n-propyla...	7.157	70	390532	44.169	ng		98
20) 3+4-Methylphenols	7.151	107	590841	47.161	ng		94
22) Acetophenone	7.151	105	793344	47.783	ng		100
24) Nitrobenzene	7.322	77	615933	45.775	ng		100
25) Isophorone	7.563	82	1148814	45.566	ng		100
26) 2-Nitrophenol	7.640	139	337660	52.027	ng		93
27) 2,4-Dimethylphenol	7.681	122	534854	48.060	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	684058	45.864	ng		99
29) 2,4-Dichlorophenol	7.881	162	498177	49.173	ng		100
30) 1,2,4-Trichlorobenzene	7.963	180	521560	49.693	ng		99
31) Naphthalene	8.045	128	1689199	47.138	ng		99
32) Benzoic acid	7.804	122	369918	53.813	ng		98
33) 4-Chloroaniline	8.092	127	558735	38.590	ng		100
34) Hexachlorobutadiene	8.163	225	283663	48.763	ng		99
35) Caprolactam	8.469	113	184061m	54.082	ng		
36) 4-Chloro-3-methylphenol	8.581	107	544242	49.816	ng		97
37) 2-Methylnaphthalene	8.734	142	1121535	45.778	ng		98
38) 1-Methylnaphthalene	8.834	142	1040366	45.393	ng		98
40) 1,2,4,5-Tetrachloroben...	8.904	216	459349	45.039	ng		99
41) Hexachlorocyclopentadiene	8.892	237	559094	93.997	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	336384	47.692	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	363383	44.547	ng		99
46) 1,1'-Biphenyl	9.198	154	1377991	45.813	ng		100
47) 2-Chloronaphthalene	9.222	162	1042501	47.353	ng		99
48) 2-Nitroaniline	9.316	65	342922	47.131	ng		95
49) Acenaphthylene	9.639	152	1630829	46.360	ng		99
50) Dimethylphthalate	9.504	163	1222763	46.230	ng		99
51) 2,6-Dinitrotoluene	9.563	165	291797	49.017	ng	#	85
52) Acenaphthene	9.810	154	1181712m	50.157	ng		
53) 3-Nitroaniline	9.728	138	302343	42.714	ng		97
54) 2,4-Dinitrophenol	9.833	184	319346	106.723	ng		98
55) Dibenzofuran	9.981	168	1483963	46.175	ng		99
56) 4-Nitrophenol	9.898	139	529140	96.518	ng		94
57) 2,4-Dinitrotoluene	9.963	165	385343	50.758	ng		94
58) Fluorene	10.322	166	1079880	45.863	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	307063	48.555	ng		97
60) Diethylphthalate	10.204	149	1152021	46.112	ng		99
61) 4-Chlorophenyl-phenyle...	10.316	204	522536	45.540	ng		98
62) 4-Nitroaniline	10.345	138	344527	52.958	ng		97
63) Azobenzene	10.475	77	1207429	45.623	ng		99
65) 4,6-Dinitro-2-methylph...	10.369	198	221776	53.748	ng		80
66) n-Nitrosodiphenylamine	10.439	169	1011333	45.799	ng		98
67) 4-Bromophenyl-phenylether	10.804	248	339516	45.985	ng		98
68) Hexachlorobenzene	10.869	284	371943	49.164	ng		98
69) Atrazine	10.969	200	347474	54.611	ng		99
70) Pentachlorophenol	11.063	266	432469	80.265	ng		98
71) Phenanthrene	11.280	178	1682542	45.986	ng		99
72) Anthracene	11.333	178	1709313	45.650	ng		100
73) Carbazole	11.486	167	1588537	47.645	ng		99
74) Di-n-butylphthalate	11.822	149	1839447	48.752	ng		100
75) Fluoranthene	12.469	202	1713621	46.667	ng		96
77) Benzidine	12.586	184	885725	138.947	ng	#	94
78) Pyrene	12.692	202	1763143	54.563	ng		98
80) Butylbenzylphthalate	13.316	149	710721	62.118	ng		95
81) Benzo(a)anthracene	13.880	228	1244566	48.012	ng		100
82) 3,3'-Dichlorobenzidine	13.845	252	389369	54.373	ng		99
83) Chrysene	13.916	228	1203703	46.447	ng		100
84) Bis(2-ethylhexyl)phtha...	13.880	149	792122	55.157	ng		99
85) Di-n-octyl phthalate	14.492	149	1256160	53.644	ng		97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1409860	64.958	ng		100
88) Benzo(b)fluoranthene	14.904	252	1126021	46.387	ng		99
89) Benzo(k)fluoranthene	14.933	252	1087160	45.180	ng		99
90) Benzo(a)pyrene	15.251	252	1004776	45.476	ng		99
91) Dibenzo(a,h)anthracene	16.709	278	1169344	64.597	ng		98
92) Benzo(g,h,i)perylene	17.109	276	1183898	66.245	ng		99

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

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