Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
Data File : BF133211.D
Acq On : 03 May 2023 17:14
Operator : CG\JU
Sample : 02583-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 03 18:09:13 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-24MSD

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	177861	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	740021	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	377177	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	615509	20.000	ng		0.00
76) Chrysene-d12	13.886	240	307937	20.000	ng		0.00
86) Perylene-d12	15.304	264	385313	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1111758	94.424	ng		0.00
7) Phenol-d6	6.375	99	1344292	91.986	ng		0.00
23) Nitrobenzene-d5	7.298	82	820312	59.833	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	224722	59.243	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	1443874	64.044	ng		0.00
79) Terphenyl-d14	12.833	244	1246147	69.793	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.446	88	247466	45.313	ng		98
3) Pyridine	3.140	79	628031	43.297	ng		97
4) n-Nitrosodimethylamine	3.105	42	349275	46.489	ng		97
6) Aniline	6.393	93	529945	28.155	ng	#	51
8) 2-Chlorophenol	6.516	128	625814	52.349	ng		96
9) Benzaldehyde	6.275	77	336802	58.149	ng		100
10) Phenol	6.387	94	760049	47.143	ng		80
11) bis(2-Chloroethyl)ether	6.469	93	591185	48.866	ng		98
12) 1,3-Dichlorobenzene	6.675	146	644250	50.689	ng		96
13) 1,4-Dichlorobenzene	6.745	146	657209	51.594	ng		99
14) 1,2-Dichlorobenzene	6.898	146	625669	53.277	ng		97
15) Benzyl Alcohol	6.881	79	517842	51.297	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	974536	46.378	ng		95
17) 2-Methylphenol	6.998	107	517068	47.236	ng		99
18) Hexachloroethane	7.245	117	228809	51.666	ng		99
19) n-Nitroso-di-n-propyla...	7.151	70	399403	43.900	ng		97
20) 3+4-Methylphenols	7.151	107	616650	47.834	ng	#	75
22) Acetophenone	7.145	105	819216	47.789	ng		98
24) Nitrobenzene	7.316	77	632583	45.534	ng		100
25) Isophorone	7.557	82	1186997	45.600	ng		99
26) 2-Nitrophenol	7.634	139	338306	50.487	ng		94
27) 2,4-Dimethylphenol	7.681	122	569734	49.585	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	716822	46.549	ng		99
29) 2,4-Dichlorophenol	7.881	162	516076	49.338	ng		95
30) 1,2,4-Trichlorobenzene	7.957	180	538109	49.657	ng		98
31) Naphthalene	8.040	128	1725966	46.649	ng		99
33) 4-Chloroaniline	8.087	127	378188	25.299	ng		99
34) Hexachlorobutadiene	8.157	225	294068	48.962	ng		98
35) Caprolactam	8.445	113	148121m	42.153	ng		
36) 4-Chloro-3-methylphenol	8.581	107	547520	48.540	ng		96
37) 2-Methylnaphthalene	8.728	142	1159229	45.828	ng		99
38) 1-Methylnaphthalene	8.828	142	1084783	45.843	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	487660	48.087	ng		99
41) Hexachlorocyclopentadiene	8.887	237	437212	73.923	ng		98
43) 2,4,6-Trichlorophenol	9.010	196	287078	40.933	ng		98
44) 2,4,5-Trichlorophenol	9.051	196	298181	36.762	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.192	154	1417230	47.386	ng		99
47) 2-Chloronaphthalene	9.216	162	1069576	48.859	ng		99
48) 2-Nitroaniline	9.316	65	353652	48.882	ng		94
49) Acenaphthylene	9.634	152	1654188	47.292	ng		100
50) Dimethylphthalate	9.498	163	1271914	48.362	ng		100
51) 2,6-Dinitrotoluene	9.557	165	292019	49.333	ng		93
52) Acenaphthene	9.804	154	1016040	43.371	ng		99
53) 3-Nitroaniline	9.722	138	251549	35.740	ng		95
54) 2,4-Dinitrophenol	9.834	184	2363	0.794	ng		96
55) Dibenzofuran	9.975	168	1488589	46.582	ng		98
56) 4-Nitrophenol	9.892	139	308641	56.618	ng		99
57) 2,4-Dinitrotoluene	9.957	165	382880	50.720	ng		96
58) Fluorene	10.316	166	1072589	45.812	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	161610	25.700	ng		99
60) Diethylphthalate	10.192	149	1209433	48.685	ng		99
61) 4-Chlorophenyl-phenyle...	10.310	204	524010	45.928	ng		99
62) 4-Nitroaniline	10.339	138	330056	51.022	ng		95
63) Azobenzene	10.469	77	1237939	47.042	ng		99
65) 4,6-Dinitro-2-methylph...	10.363	198	10838	2.905	ng		76
66) n-Nitrosodiphenylamine	10.428	169	1014616	50.818	ng		100
67) 4-Bromophenyl-phenylether	10.798	248	337402	50.543	ng		98
68) Hexachlorobenzene	10.863	284	351338	51.363	ng	#	93
69) Atrazine	10.957	200	324163	56.347	ng		98
70) Pentachlorophenol	11.057	266	74559	15.305	ng		98
71) Phenanthrene	11.275	178	1575954	47.638	ng		100
72) Anthracene	11.328	178	1594760	47.105	ng		99
73) Carbazole	11.480	167	1424579	47.256	ng		99
74) Di-n-butylphthalate	11.816	149	1779104	52.150	ng		99
75) Fluoranthene	12.457	202	1389228	41.843	ng		99
77) Benzidine	12.580	184	513908	98.688	ng	#	93
78) Pyrene	12.686	202	1347310	51.040	ng		98
80) Butylbenzylphthalate	13.310	149	573915	61.404	ng		95
81) Benzo(a)anthracene	13.874	228	1017054	48.029	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	235286	40.221	ng		98
83) Chrysene	13.910	228	1021672	48.259	ng		99
84) Bis(2-ethylhexyl)phtha...	13.874	149	672952	57.362	ng		99
85) Di-n-octyl phthalate	14.486	149	1289189	67.394	ng		99
87) Indeno(1,2,3-cd)pyrene	16.686	276	1118164	51.017	ng		99
88) Benzo(b)fluoranthene	14.904	252	1205798	49.190	ng		99
89) Benzo(k)fluoranthene	14.927	252	1084032	44.611	ng		98
90) Benzo(a)pyrene	15.251	252	1035497	46.410	ng		99
91) Dibenzo(a,h)anthracene	16.704	278	942718	51.570	ng		99
92) Benzo(g,h,i)perylene	17.104	276	846814	46.922	ng		99

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

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