Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133037.D
Acq On : 25 Apr 2023 20:28
Operator : CG\JU
Sample : 02477-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

Quant Time: Apr 26 02:17:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 18:24:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	195999	20.000	ng		0.00
21) Naphthalene-d8	8.028	136	769227	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	407555	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	739508	20.000	ng		0.00
76) Chrysene-d12	13.898	240	446952	20.000	ng		0.00
86) Perylene-d12	15.315	264	395398	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1100527	84.820	ng		0.00
7) Phenol-d6	6.386	99	1347361	83.664	ng		0.00
23) Nitrobenzene-d5	7.304	82	814666	57.165	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	357986	87.340	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1470876	60.379	ng		0.00
79) Terphenyl-d14	12.845	244	1736143	66.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.493	88	262856	43.677	ng		98
3) Pyridine	3.187	79	665809	41.654	ng		96
4) n-Nitrosodimethylamine	3.146	42	357083	43.130	ng		96
6) Aniline	6.404	93	556574	26.833	ng	#	83
8) 2-Chlorophenol	6.528	128	633377	48.079	ng		95
9) Benzaldehyde	6.287	77	375330	59.417	ng		99
10) Phenol	6.398	94	772727	43.494	ng		82
11) bis(2-Chloroethyl)ether	6.481	93	602461	45.189	ng		96
12) 1,3-Dichlorobenzene	6.681	146	666664	47.598	ng		100
13) 1,4-Dichlorobenzene	6.757	146	663406	47.261	ng		99
14) 1,2-Dichlorobenzene	6.910	146	645455	49.876	ng		97
15) Benzyl Alcohol	6.892	79	513867	46.193	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	1017061	43.922	ng		96
17) 2-Methylphenol	7.004	107	542344	44.960	ng		98
18) Hexachloroethane	7.257	117	235752	48.307	ng		98
19) n-Nitroso-di-n-propyla...	7.163	70	413435	41.237	ng		98
20) 3+4-Methylphenols	7.157	107	630348	44.372	ng		99
22) Acetophenone	7.151	105	839964	47.139	ng	#	97
24) Nitrobenzene	7.328	77	647672	44.850	ng		99
25) Isophorone	7.569	82	1167638	43.153	ng		100
26) 2-Nitrophenol	7.645	139	342784	49.213	ng		92
27) 2,4-Dimethylphenol	7.686	122	567504	47.515	ng		99
28) bis(2-Chloroethoxy)met...	7.781	93	693215	43.307	ng		99
29) 2,4-Dichlorophenol	7.886	162	509472	46.858	ng		99
30) 1,2,4-Trichlorobenzene	7.969	180	528047	46.879	ng		100
31) Naphthalene	8.051	128	1714687	44.585	ng		100
32) Benzoic acid	7.798	122	273867m	37.122	ng		
33) 4-Chloroaniline	8.098	127	136071	8.757	ng		98
34) Hexachlorobutadiene	8.169	225	290749	46.571	ng		98
35) Caprolactam	8.475	113	186058m	50.939	ng		
36) 4-Chloro-3-methylphenol	8.586	107	573506	48.914	ng		97
37) 2-Methylnaphthalene	8.739	142	1170525	44.518	ng		98
38) 1-Methylnaphthalene	8.839	142	1087623	44.218	ng		99
40) 1,2,4,5-Tetrachloroben...	8.910	216	479762	43.782	ng		99
41) Hexachlorocyclopentadiene	8.898	237	589313	92.213	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	347099	45.802	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	381930	43.577	ng		99
46) 1,1'-Biphenyl	9.204	154	1421057	43.972	ng		99
47) 2-Chloronaphthalene	9.227	162	1081785	45.733	ng		99
48) 2-Nitroaniline	9.322	65	347188	44.411	ng		97
49) Acenaphthylene	9.639	152	1686352	44.618	ng		99
50) Dimethylphthalate	9.510	163	1275719	44.891	ng		99
51) 2,6-Dinitrotoluene	9.569	165	301029	47.064	ng	#	82
52) Acenaphthene	9.816	154	1184869	46.807	ng		99
53) 3-Nitroaniline	9.727	138	167123	21.975	ng		96
54) 2,4-Dinitrophenol	9.839	184	269988	83.977	ng		94
55) Dibenzofuran	9.986	168	1514499	43.860	ng		99
56) 4-Nitrophenol	9.904	139	541502	91.930	ng		95
57) 2,4-Dinitrotoluene	9.969	165	404414	49.579	ng		94
58) Fluorene	10.327	166	1120371	44.286	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.104	232	311104	45.786	ng		99
60) Diethylphthalate	10.210	149	1186007	44.184	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	538126	43.649	ng		98
62) 4-Nitroaniline	10.351	138	341759	48.893	ng		98
63) Azobenzene	10.480	77	1319573	46.406	ng		99
65) 4,6-Dinitro-2-methylph...	10.374	198	211777	47.247	ng		85
66) n-Nitrosodiphenylamine	10.439	169	1051751	43.845	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	354970	44.258	ng		98
68) Hexachlorobenzene	10.874	284	388164	47.231	ng		97
69) Atrazine	10.969	200	360852	52.207	ng		98
70) Pentachlorophenol	11.069	266	428714	73.246	ng		98
71) Phenanthrene	11.286	178	1747209	43.959	ng		100
72) Anthracene	11.339	178	1789877	44.003	ng		100
73) Carbazole	11.492	167	1650646	45.574	ng		99
74) Di-n-butylphthalate	11.827	149	1924640	46.957	ng		100
75) Fluoranthene	12.474	202	1815441	45.511	ng		96
77) Benzidine	12.592	184	691678	91.514	ng	#	94
78) Pyrene	12.704	202	1870645	48.824	ng		99
80) Butylbenzylphthalate	13.327	149	769396	56.715	ng		99
81) Benzo(a)anthracene	13.886	228	1383547	45.015	ng		100
82) 3,3'-Dichlorobenzidine	13.851	252	169589	19.973	ng		99
83) Chrysene	13.921	228	1357713	44.185	ng		99
84) Bis(2-ethylhexyl)phtha...	13.892	149	828496	48.655	ng		100
85) Di-n-octyl phthalate	14.498	149	1276806	45.986	ng		98
87) Indeno(1,2,3-cd)pyrene	16.703	276	1394514	62.003	ng		100
88) Benzo(b)fluoranthene	14.915	252	1179963	46.908	ng		99
89) Benzo(k)fluoranthene	14.939	252	1068282	42.842	ng		98
90) Benzo(a)pyrene	15.257	252	1001616	43.746	ng		98
91) Dibenzo(a,h)anthracene	16.721	278	1166676	62.194	ng		99
92) Benzo(g,h,i)perylene	17.121	276	1173185	63.348	ng		98

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

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