Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133166.D
Acq On : 01 May 2023 20:42
Operator : CG\JU
Sample : 02558-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Quant Time: May 02 05:22:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 01 15:02:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	200972	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	777263	20.000	ng	#	0.00
39) Acenaphthene-d10	9.775	164	385889	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	626938	20.000	ng		0.00
76) Chrysene-d12	13.892	240	262134	20.000	ng	#	0.00
86) Perylene-d12	15.321	264	345048	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	882899	66.363	ng		0.00
7) Phenol-d6	6.375	99	1097665	66.472	ng		0.00
23) Nitrobenzene-d5	7.298	82	628089	43.618	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	243992	62.871	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	1086737	47.115	ng		0.00
79) Terphenyl-d14	12.839	244	744753	49.000	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	280614	45.474	ng		96
3) Pyridine	3.169	79	700885	42.763	ng		94
4) n-Nitrosodimethylamine	3.128	42	354895	41.805	ng		93
6) Aniline	6.392	93	658808	30.976	ng	#	64
8) 2-Chlorophenol	6.516	128	672900	49.815	ng		96
9) Benzaldehyde	6.275	77	388233	60.446	ng		99
10) Phenol	6.387	94	911343	50.027	ng		86
11) bis(2-Chloroethyl)ether	6.469	93	641777	46.947	ng		97
12) 1,3-Dichlorobenzene	6.675	146	711066	49.512	ng		96
13) 1,4-Dichlorobenzene	6.751	146	707878	49.181	ng		97
14) 1,2-Dichlorobenzene	6.904	146	684156	51.558	ng		98
15) Benzyl Alcohol	6.881	79	569590	49.935	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1030746	43.412	ng		91
17) 2-Methylphenol	6.998	107	548291	44.328	ng		99
18) Hexachloroethane	7.245	117	268978	53.752	ng		99
19) n-Nitroso-di-n-propyla...	7.151	70	452421	44.009	ng		96
20) 3+4-Methylphenols	7.151	107	653890	44.890	ng	#	84
22) Acetophenone	7.145	105	993923	55.203	ng		98
24) Nitrobenzene	7.316	77	688997	47.218	ng		97
25) Isophorone	7.557	82	1314636	48.084	ng		97
26) 2-Nitrophenol	7.634	139	379652	53.943	ng		96
27) 2,4-Dimethylphenol	7.681	122	602931	49.960	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	762475	47.141	ng		98
29) 2,4-Dichlorophenol	7.881	162	546479	49.742	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	571297	50.194	ng		99
31) Naphthalene	8.039	128	2022998	52.058	ng		98
32) Benzoic acid	7.798	122	294139	39.458	ng		91
33) 4-Chloroaniline	8.086	127	250584	15.959	ng		97
34) Hexachlorobutadiene	8.157	225	304925	48.337	ng		99
35) Caprolactam	8.469	113	248102m	67.223	ng		
36) 4-Chloro-3-methylphenol	8.581	107	597079	50.398	ng		99
37) 2-Methylnaphthalene	8.733	142	1479739	55.696	ng		98
38) 1-Methylnaphthalene	8.833	142	1289368	51.878	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	479278	46.193	ng		99
41) Hexachlorocyclopentadiene	8.886	237	488199	80.681	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	349503	48.709	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	360514	43.443	ng		98
46) 1,1'-Biphenyl	9.198	154	1424544	46.555	ng		99
47) 2-Chloronaphthalene	9.222	162	1069960	47.773	ng		99
48) 2-Nitroaniline	9.316	65	350658	47.373	ng		94
49) Acenaphthylene	9.633	152	1623236	45.359	ng		98
50) Dimethylphthalate	9.504	163	1189926	44.223	ng		99
51) 2,6-Dinitrotoluene	9.563	165	297314	49.093	ng	#	84
52) Acenaphthene	9.810	154	1077566	44.958	ng		98
53) 3-Nitroaniline	9.728	138	272724	37.874	ng		98
54) 2,4-Dinitrophenol	9.833	184	146824	48.232	ng		97
55) Dibenzofuran	9.980	168	1410518	43.142	ng		97
56) 4-Nitrophenol	9.898	139	495878	88.912	ng		95
57) 2,4-Dinitrotoluene	9.963	165	387965	50.233	ng		93
58) Fluorene	10.322	166	1076799	44.954	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	277676	43.161	ng	#	97
60) Diethylphthalate	10.198	149	1153012	45.366	ng		98
61) 4-Chlorophenyl-phenyle...	10.316	204	505559	43.310	ng		97
62) 4-Nitroaniline	10.339	138	303529	45.862	ng		100
63) Azobenzene	10.475	77	1141831	42.410	ng		96
65) 4,6-Dinitro-2-methylph...	10.369	198	132826	34.954	ng	#	69
66) n-Nitrosodiphenylamine	10.433	169	1060017	52.124	ng		96
67) 4-Bromophenyl-phenylether	10.804	248	323739	47.612	ng		98
68) Hexachlorobenzene	10.875	284	343706	49.331	ng		99
69) Atrazine	10.969	200	340586	58.123	ng		98
70) Pentachlorophenol	11.069	266	352709	71.080	ng		97
71) Phenanthrene	11.280	178	1631820	48.428	ng		99
72) Anthracene	11.333	178	1556079	45.124	ng		99
73) Carbazole	11.486	167	1385298	45.115	ng		98
74) Di-n-butylphthalate	11.822	149	1657571	47.702	ng		100
75) Fluoranthene	12.469	202	1304477	38.574	ng		96
77) Benzidine	12.586	184	452670	102.118	ng	#	92
78) Pyrene	12.692	202	1334006	59.366	ng		99
80) Butylbenzylphthalate	13.321	149	467688	58.782	ng		98
81) Benzo(a)anthracene	13.886	228	845281	46.892	ng		98
82) 3,3'-Dichlorobenzidine	13.845	252	177787	35.702	ng	#	97
83) Chrysene	13.921	228	818863	45.438	ng		99
84) Bis(2-ethylhexyl)phtha...	13.886	149	553146	55.388	ng		98
85) Di-n-octyl phthalate	14.498	149	984166	60.438	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.704	276	1069158	54.474	ng		97
88) Benzo(b)fluoranthene	14.915	252	958999	43.687	ng	#	95
89) Benzo(k)fluoranthene	14.945	252	913634	41.986	ng	#	97
90) Benzo(a)pyrene	15.262	252	878823	43.984	ng	#	97
91) Dibenzo(a,h)anthracene	16.721	278	889612	54.344	ng		98
92) Benzo(g,h,i)perylene	17.121	276	823557	50.959	ng		99

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

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