Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136783.D
Acq On : 28 Dec 2023 04:11
Operator : CG\JU
Sample : 05940-05MSD 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
12/28/2023
Supervised By :Sohil Vodhani
12/28/2023

Quant Time: Dec 28 04:33:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	58225	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	189768	20.000	ng	#	0.00
39) Acenaphthene-d10	9.816	164	83061	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	165089	20.000	ng		0.00
76) Chrysene-d12	13.968	240	143925	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	108781	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	60454	16.200	ng		0.00
7) Phenol-d6	6.428	99	70930	14.669	ng		-0.01
23) Nitrobenzene-d5	7.339	82	42232	11.388	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	16385	16.750	ng		-0.01
45) 2-Fluorobiphenyl	9.133	172	80062	12.964	ng		-0.02
79) Terphenyl-d14	12.904	244	98734	9.587	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	13568	8.726	ng		92
3) Pyridine	3.310	79	26573	7.005	ng		92
4) n-Nitrosodimethylamine	3.240	42	15495	7.649	ng		92
6) Aniline	6.445	93	23517	4.864	ng	#	53
8) 2-Chlorophenol	6.575	128	31660	7.753	ng		96
9) Benzaldehyde	6.339	77	8260	3.003	ng		97
10) Phenol	6.439	94	39520	7.656	ng		88
11) bis(2-Chloroethyl)ether	6.516	93	32110	8.180	ng		97
12) 1,3-Dichlorobenzene	6.722	146	35767	8.029	ng		98
13) 1,4-Dichlorobenzene	6.798	146	37291	8.192	ng		98
14) 1,2-Dichlorobenzene	6.951	146	34110	8.053	ng		99
15) Benzyl Alcohol	6.928	79	24444	7.493	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	50953	7.939	ng		98
17) 2-Methylphenol	7.039	107	24829	7.339	ng		99
18) Hexachloroethane	7.286	117	10904	6.596	ng		91
19) n-Nitroso-di-n-propyla...	7.186	70	21843	7.452	ng		97
20) 3+4-Methylphenols	7.198	107	32288	7.639	ng	#	59
22) Acetophenone	7.186	105	45800	9.629	ng	#	89
24) Nitrobenzene	7.357	77	30868	8.309	ng		99
25) Isophorone	7.598	82	56074	8.310	ng		97
26) 2-Nitrophenol	7.680	139	9613	5.408	ng		96
27) 2,4-Dimethylphenol	7.722	122	22680	10.481	ng		97
28) bis(2-Chloroethoxy)met...	7.810	93	35833	8.736	ng		99
29) 2,4-Dichlorophenol	7.928	162	20955	7.522	ng		96
30) 1,2,4-Trichlorobenzene	8.004	180	26462	8.525	ng		95
31) Naphthalene	8.080	128	90185	8.651	ng		100
32) Benzoic acid	7.816	122	12411m	5.928	ng		
33) 4-Chloroaniline	8.133	127	20877	5.424	ng		97
34) Hexachlorobutadiene	8.198	225	16821	8.920	ng		91
35) Caprolactam	8.475	113	6764	7.360	ng		95
36) 4-Chloro-3-methylphenol	8.622	107	21623	6.895	ng		99
37) 2-Methylnaphthalene	8.775	142	54769	8.163	ng		96
38) 1-Methylnaphthalene	8.875	142	51519	7.827	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	24698	9.601	ng		98
41) Hexachlorocyclopentadiene	8.922	237	211	5.140	ng		87
43) 2,4,6-Trichlorophenol	9.057	196	13989	8.480	ng		96

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44) 2,4,5-Trichlorophenol	9.104	196	15556	8.462	ng		94
46) 1,1'-Biphenyl	9.239	154	67516	9.687	ng		98
47) 2-Chloronaphthalene	9.263	162	46941	8.859	ng		96
48) 2-Nitroaniline	9.363	65	15627	9.418	ng		95
49) Acenaphthylene	9.674	152	84708	10.459	ng		98
50) Dimethylphthalate	9.533	163	54948	9.057	ng		99
51) 2,6-Dinitrotoluene	9.604	165	10238	7.435	ng		98
52) Acenaphthene	9.851	154	48008	9.562	ng		98
53) 3-Nitroaniline	9.774	138	12186	8.355	ng		86
55) Dibenzofuran	10.022	168	74954	9.849	ng		98
56) 4-Nitrophenol	9.957	139	14327	14.551	ng		95
57) 2,4-Dinitrotoluene	10.010	165	12199	6.825	ng	#	97
58) Fluorene	10.369	166	69092	11.442	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	12750	9.010	ng		97
60) Diethylphthalate	10.239	149	58071	9.225	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	26069	8.882	ng		92
62) 4-Nitroaniline	10.380	138	12550m	8.925	ng		
63) Azobenzene	10.521	77	49456	8.412	ng		94
66) n-Nitrosodiphenylamine	10.480	169	48500	9.044	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	15763	8.598	ng		98
68) Hexachlorobenzene	10.916	284	16092	7.876	ng		94
69) Atrazine	11.010	200	15297	11.152	ng		91
70) Pentachlorophenol	11.121	266	13033	13.685	ng		100
71) Phenanthrene	11.333	178	191985	22.664	ng		99
72) Anthracene	11.386	178	112827	13.152	ng		98
73) Carbazole	11.545	167	80851	9.996	ng		100
74) Di-n-butylphthalate	11.874	149	97241	9.853	ng		99
75) Fluoranthene	12.533	202	279590	30.857	ng		99
77) Benzidine	12.657	184	36797	8.671	ng		98
78) Pyrene	12.762	202	259340	18.356	ng		99
80) Butylbenzylphthalate	13.386	149	44919	8.737	ng		97
81) Benzo(a)anthracene	13.957	228	164064	16.416	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	27283	9.613	ng		95
83) Chrysene	13.992	228	140067	14.332	ng		98
84) Bis(2-ethylhexyl)phtha...	13.951	149	68213	10.546	ng	#	93
85) Di-n-octyl phthalate	14.562	149	113884	11.382	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.950	276	77673	9.889	ng		98
88) Benzo(b)fluoranthene	15.015	252	119382	16.431	ng		99
89) Benzo(k)fluoranthene	15.039	252	84904	12.367	ng		98
90) Benzo(a)pyrene	15.386	252	88369	14.409	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	52296	8.116	ng		96
92) Benzo(g,h,i)perylene	17.409	276	62773	9.512	ng		95

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

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