Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134125.D
Acq On : 07 Jul 2023 07:59
Operator : CG\JU
Sample : 03492-02MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jul 07 08:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	106956	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	413454	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	213166	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	417330	20.000	ng		0.00
76) Chrysene-d12	14.039	240	246842	20.000	ng		-0.01
86) Perylene-d12	15.539	264	254672	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	882056	137.952	ng		0.01
7) Phenol-d6	6.492	99	1048520	133.344	ng		0.00
23) Nitrobenzene-d5	7.416	82	776916	101.293	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	395999	148.166	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1389707	94.785	ng		0.00
79) Terphenyl-d14	12.974	244	1640356	106.952	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.852	88	112273	42.585	ng	#	78
3) Pyridine	3.575	79	226403	32.969	ng		95
4) n-Nitrosodimethylamine	3.516	42	200986	51.244	ng		94
6) Aniline	6.516	93	203800	21.299	ng		94
8) 2-Chlorophenol	6.634	128	343603	52.938	ng		98
9) Benzaldehyde	6.398	77	60737	11.234	ng		99
10) Phenol	6.504	94	390038	47.176	ng		98
11) bis(2-Chloroethyl)ether	6.587	93	330556	54.307	ng		98
12) 1,3-Dichlorobenzene	6.787	146	353566	51.095	ng		98
13) 1,4-Dichlorobenzene	6.863	146	357509	51.151	ng		99
14) 1,2-Dichlorobenzene	7.010	146	339088	51.803	ng		99
15) Benzyl Alcohol	6.992	79	314749	51.923	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	517660	48.072	ng		94
17) 2-Methylphenol	7.104	107	291528	50.158	ng		98
18) Hexachloroethane	7.351	117	133283	51.430	ng		95
19) n-Nitroso-di-n-propyla...	7.263	70	248748	49.883	ng		99
20) 3+4-Methylphenols	7.257	107	347442	49.274	ng		92
22) Acetophenone	7.257	105	481354	51.192	ng		99
24) Nitrobenzene	7.434	77	383390	49.465	ng		99
25) Isophorone	7.669	82	695854	49.919	ng		100
26) 2-Nitrophenol	7.745	139	192316	51.724	ng		99
27) 2,4-Dimethylphenol	7.781	122	312193	53.044	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	392513	48.629	ng		99
29) 2,4-Dichlorophenol	7.987	162	301493	51.659	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	304699	50.597	ng		99
31) Naphthalene	8.151	128	980908	49.116	ng		100
32) Benzoic acid	7.922	122	228983	51.921	ng		98
33) 4-Chloroaniline	8.204	127	29656	3.471	ng	#	92
34) Hexachlorobutadiene	8.257	225	186847	49.187	ng		98
35) Caprolactam	8.575	113	97529m	50.753	ng		
36) 4-Chloro-3-methylphenol	8.686	107	347533	53.007	ng		97
37) 2-Methylnaphthalene	8.839	142	664942	47.083	ng		100
38) 1-Methylnaphthalene	8.939	142	624426	47.560	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	315160	49.904	ng		99
41) Hexachlorocyclopentadiene	8.992	237	332348	110.926	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	216851	50.440	ng		99

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44) 2,4,5-Trichlorophenol	9.169	196	244067	48.263	ng	95
46) 1,1'-Biphenyl	9.304	154	842669	49.281	ng	99
47) 2-Chloronaphthalene	9.333	162	619932	49.551	ng	98
48) 2-Nitroaniline	9.433	65	230344	50.518	ng	96
49) Acenaphthylene	9.751	152	1026255	48.019	ng	99
50) Dimethylphthalate	9.610	163	790706	51.100	ng	100
51) 2,6-Dinitrotoluene	9.675	165	172021	51.615	ng	89
52) Acenaphthene	9.922	154	618336	49.861	ng	99
53) 3-Nitroaniline	9.845	138	75684	18.929	ng	94
54) 2,4-Dinitrophenol	9.957	184	217656	111.487	ng	92
55) Dibenzofuran	10.092	168	946487	48.836	ng	98
56) 4-Nitrophenol	10.016	139	273359	97.743	ng	94
57) 2,4-Dinitrotoluene	10.086	165	224047	50.904	ng	91
58) Fluorene	10.439	166	739582	49.049	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	206113	51.671	ng	99
60) Diethylphthalate	10.316	149	789240	48.956	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	356520	49.064	ng	98
62) 4-Nitroaniline	10.469	138	173718	43.113	ng	97
63) Azobenzene	10.592	77	736703	48.310	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	135908	59.733	ng	81
66) n-Nitrosodiphenylamine	10.551	169	627504	47.061	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	223035	50.281	ng	95
68) Hexachlorobenzene	10.986	284	258220	54.827	ng	97
69) Atrazine	11.075	200	74865	20.298	ng	99
70) Pentachlorophenol	11.186	266	275176	97.719	ng	98
71) Phenanthrene	11.404	178	1084399	51.616	ng	99
72) Anthracene	11.457	178	1101708	50.417	ng	99
73) Carbazole	11.616	167	1002064	50.100	ng	98
74) Di-n-butylphthalate	11.945	149	1206545	50.727	ng	99
75) Fluoranthene	12.598	202	1167100	51.385	ng	99
77) Benzidine	12.727	184	118988	20.259	ng	99
78) Pyrene	12.833	202	1180556	51.391	ng	99
80) Butylbenzylphthalate	13.451	149	470307	54.588	ng	97
81) Benzo(a)anthracene	14.027	228	880021	51.406	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	121892	22.474	ng	97
83) Chrysene	14.068	228	849690	51.245	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	564932	57.065	ng	99
85) Di-n-octyl phthalate	14.633	149	902912	62.071	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	988300	55.926	ng	99
88) Benzo(b)fluoranthene	15.098	252	881414	58.859	ng	99
89) Benzo(k)fluoranthene	15.127	252	796628	52.249	ng	98
90) Benzo(a)pyrene	15.480	252	731934	50.546	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	817127	56.611	ng	98
92) Benzo(g,h,i)perylene	17.562	276	784975	52.736	ng	98

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

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