Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135189.D
Acq On : 12 Sep 2023 19:21
Operator : CG\JU
Sample : 04305-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 02:44:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	97276	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	381581	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	196937	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	385583	20.000	ng	0.00
76) Chrysene-d12	13.951	240	208484	20.000	ng	# 0.00
86) Perylene-d12	15.404	264	185955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	885098	147.988	ng	0.03
7) Phenol-d6	6.416	99	1049102	137.948	ng	0.01
23) Nitrobenzene-d5	7.334	82	746121	106.233	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	326063	166.607	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1340917	102.727	ng	0.00
79) Terphenyl-d14	12.892	244	1435623	106.746	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	125650	47.923	ng	# 82
3) Pyridine	3.428	79	281807	39.936	ng	99
4) n-Nitrosodimethylamine	3.363	42	204408	54.587	ng	98
6) Aniline	6.434	93	238470	23.912	ng	# 75
8) 2-Chlorophenol	6.551	128	361059	56.551	ng	99
9) Benzaldehyde	6.322	77	91629	21.150	ng	98
10) Phenol	6.428	94	385297	46.203	ng	97
11) bis(2-Chloroethyl)ether	6.510	93	369515	59.072	ng	100
12) 1,3-Dichlorobenzene	6.704	146	341120	52.572	ng	99
13) 1,4-Dichlorobenzene	6.781	146	351439	53.236	ng	98
14) 1,2-Dichlorobenzene	6.934	146	332435	54.226	ng	99
15) Benzyl Alcohol	6.916	79	317110	58.108	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	617333	52.357	ng	97
17) 2-Methylphenol	7.028	107	284810	50.550	ng	98
18) Hexachloroethane	7.269	117	130264	53.404	ng	91
19) n-Nitroso-di-n-propyla...	7.187	70	247258	52.490	ng	99
20) 3+4-Methylphenols	7.181	107	334745	49.410	ng	99
22) Acetophenone	7.181	105	477766	54.765	ng	99
24) Nitrobenzene	7.351	77	379129	54.614	ng	98
25) Isophorone	7.592	82	706698	54.796	ng	100
26) 2-Nitrophenol	7.663	139	191921	57.603	ng	99
27) 2,4-Dimethylphenol	7.704	122	278510	49.731	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	429700	55.666	ng	99
29) 2,4-Dichlorophenol	7.904	162	293381	56.535	ng	98
30) 1,2,4-Trichlorobenzene	7.986	180	302351	55.743	ng	99
31) Naphthalene	8.063	128	1003557	54.130	ng	100
32) Benzoic acid	7.828	122	137409	32.584	ng	98
33) 4-Chloroaniline	8.116	127	147650	18.152	ng	99
34) Hexachlorobutadiene	8.181	225	176942	54.101	ng	99
35) Caprolactam	8.504	113	88619m	50.883	ng	
36) 4-Chloro-3-methylphenol	8.610	107	329554	57.139	ng	97
37) 2-Methylnaphthalene	8.757	142	648880	52.067	ng	97
38) 1-Methylnaphthalene	8.857	142	626825	53.723	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	307672	53.926	ng	100
41) Hexachlorocyclopentadiene	8.910	237	241987	94.756	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	214686	57.471	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	234960	54.617	ng	98
46) 1,1'-Biphenyl	9.228	154	826994	54.644	ng	99
47) 2-Chloronaphthalene	9.251	162	620283	56.488	ng	100
48) 2-Nitroaniline	9.351	65	243613	57.106	ng	97
49) Acenaphthylene	9.669	152	1047355	57.391	ng	99
50) Dimethylphthalate	9.533	163	779732	58.561	ng	99
51) 2,6-Dinitrotoluene	9.598	165	169653	58.163	ng	89
52) Acenaphthene	9.839	154	589846	54.713	ng	98
53) 3-Nitroaniline	9.763	138	134194	39.193	ng	99
54) 2,4-Dinitrophenol	9.880	184	111468	68.307	ng	91
55) Dibenzofuran	10.010	168	885672	53.836	ng	98
56) 4-Nitrophenol	9.939	139	250424	115.081	ng	99
57) 2,4-Dinitrotoluene	10.004	165	206710	56.607	ng	91
58) Fluorene	10.357	166	702333	55.533	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.133	232	197812	59.776	ng	99
60) Diethylphthalate	10.233	149	753655	56.400	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	325325	53.549	ng	99
62) 4-Nitroaniline	10.386	138	184955	56.197	ng	98
63) Azobenzene	10.510	77	729573	55.786	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	93544	45.677	ng	92
66) n-Nitrosodiphenylamine	10.469	169	640803	54.894	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	208290	54.314	ng	94
68) Hexachlorobenzene	10.904	284	234166	59.937	ng	97
69) Atrazine	11.004	200	206111	65.620	ng	98
70) Pentachlorophenol	11.104	266	254545	108.897	ng	100
71) Phenanthrene	11.322	178	1013189	55.559	ng	99
72) Anthracene	11.374	178	1041237	55.547	ng	99
73) Carbazole	11.533	167	982068	57.552	ng	99
74) Di-n-butylphthalate	11.863	149	1191106	59.237	ng	100
75) Fluoranthene	12.516	202	1091967	57.465	ng	98
77) Benzidine	12.639	184	245723	57.531	ng	98
78) Pyrene	12.745	202	1100848	55.460	ng	99
80) Butylbenzylphthalate	13.368	149	444361	63.584	ng	97
81) Benzo(a)anthracene	13.939	228	757489	56.267	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	190109	45.210	ng	99
83) Chrysene	13.974	228	742608	55.482	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	462969	64.557	ng	99
85) Di-n-octyl phthalate	14.551	149	691531	60.677	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	718661	58.943	ng	99
88) Benzo(b)fluoranthene	14.986	252	592280	58.837	ng	99
89) Benzo(k)fluoranthene	15.015	252	566170	56.937	ng	99
90) Benzo(a)pyrene	15.351	252	521460	54.321	ng	98
91) Dibenzo(a,h)anthracene	16.904	278	593995	59.542	ng	98
92) Benzo(g,h,i)perylene	17.333	276	608668	58.421	ng	99

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

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