Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134213.D
Acq On : 11 Jul 2023 14:33
Operator : CG\JU
Sample : PB153792BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 12 01:04:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB153792BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
07/12/2023
Supervised By :mohammad ahmed
07/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	103679	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	394125	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	198697	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	394675	20.000	ng		0.00
76) Chrysene-d12	14.039	240	240493	20.000	ng		0.00
86) Perylene-d12	15.545	264	226976	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	835819	134.852	ng		0.01
7) Phenol-d6	6.487	99	983496	129.027	ng		0.00
23) Nitrobenzene-d5	7.410	82	577984	79.052	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	297588	119.453	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1080794	79.083	ng		0.00
79) Terphenyl-d14	12.974	244	1339433	89.637	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	120693	47.226	ng		98
3) Pyridine	3.487	79	244076	36.666	ng		94
4) n-Nitrosodimethylamine	3.440	42	183166	48.177	ng		96
6) Aniline	6.510	93	244915	26.405	ng		92
8) 2-Chlorophenol	6.634	128	329861	52.427	ng		95
9) Benzaldehyde	6.398	77	123185	26.945	ng		99
10) Phenol	6.498	94	395086	49.297	ng		97
11) bis(2-Chloroethyl)ether	6.581	93	312939	53.037	ng		99
12) 1,3-Dichlorobenzene	6.787	146	299898	44.709	ng		98
13) 1,4-Dichlorobenzene	6.863	146	304995	45.017	ng		99
14) 1,2-Dichlorobenzene	7.010	146	289098	45.562	ng		99
15) Benzyl Alcohol	6.992	79	246258	41.908	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	426055	40.816	ng		96
17) 2-Methylphenol	7.104	107	235609	41.818	ng		98
18) Hexachloroethane	7.351	117	116699	46.454	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	196879	40.729	ng		98
20) 3+4-Methylphenols	7.257	107	281621	41.202	ng		98
22) Acetophenone	7.257	105	399048	44.520	ng	#	98
24) Nitrobenzene	7.428	77	307471	41.615	ng		95
25) Isophorone	7.663	82	538531	40.528	ng		98
26) 2-Nitrophenol	7.745	139	153782	43.388	ng		98
27) 2,4-Dimethylphenol	7.781	122	241256	43.002	ng		95
28) bis(2-Chloroethoxy)met...	7.875	93	312243	40.582	ng		100
29) 2,4-Dichlorophenol	7.986	162	232462	41.784	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	249117	43.396	ng		99
31) Naphthalene	8.145	128	794258	41.721	ng		99
32) Benzoic acid	7.910	122	175839	41.826	ng		98
33) 4-Chloroaniline	8.198	127	101866	12.509	ng		97
34) Hexachlorobutadiene	8.257	225	159896	44.156	ng		97
35) Caprolactam	8.575	113	79174m	43.222	ng		
36) 4-Chloro-3-methylphenol	8.686	107	265630	42.502	ng		96
37) 2-Methylnaphthalene	8.839	142	528684	39.271	ng		99
38) 1-Methylnaphthalene	8.939	142	494062	39.477	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	263674	44.791	ng		98
41) Hexachlorocyclopentadiene	8.992	237	233202	83.502	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	166095	41.448	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	178587	37.886	ng		98
46) 1,1'-Biphenyl	9.304	154	673225	42.238	ng		99
47) 2-Chloronaphthalene	9.333	162	502075	43.053	ng		99
48) 2-Nitroaniline	9.433	65	177463	41.755	ng		93
49) Acenaphthylene	9.745	152	808125	40.566	ng		99
50) Dimethylphthalate	9.610	163	577359	40.029	ng		99
51) 2,6-Dinitrotoluene	9.675	165	131627	42.371	ng		94
52) Acenaphthene	9.922	154	474658	41.062	ng		99
53) 3-Nitroaniline	9.845	138	103802	27.852	ng		98
54) 2,4-Dinitrophenol	9.957	184	141358	78.850	ng		93
55) Dibenzofuran	10.092	168	733038	40.576	ng		99
56) 4-Nitrophenol	10.016	139	193503	74.227	ng		96
57) 2,4-Dinitrotoluene	10.086	165	176893	43.117	ng		95
58) Fluorene	10.439	166	579238	41.213	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	164129	44.142	ng		95
60) Diethylphthalate	10.310	149	603939	40.190	ng		98
61) 4-Chlorophenyl-phenyle...	10.428	204	272609	40.248	ng		98
62) 4-Nitroaniline	10.463	138	141918	37.785	ng		97
63) Azobenzene	10.592	77	563078	39.613	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	100442	46.679	ng		86
66) n-Nitrosodiphenylamine	10.551	169	508349	40.313	ng		99
67) 4-Bromophenyl-phenylether	10.922	248	172012	41.005	ng		97
68) Hexachlorobenzene	10.986	284	200842	45.092	ng		96
69) Atrazine	11.080	200	139503	39.995	ng		100
70) Pentachlorophenol	11.186	266	188329	70.717	ng		99
71) Phenanthrene	11.404	178	825574	41.552	ng		99
72) Anthracene	11.457	178	857880	41.512	ng		99
73) Carbazole	11.616	167	811499	42.902	ng		99
74) Di-n-butylphthalate	11.945	149	938081	41.704	ng		100
75) Fluoranthene	12.598	202	914207	42.561	ng		99
77) Benzidine	12.727	184	150936	26.376	ng		99
78) Pyrene	12.833	202	943886	42.173	ng		99
80) Butylbenzylphthalate	13.451	149	371434	44.250	ng		99
81) Benzo(a)anthracene	14.033	228	715624	42.907	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	177797	33.647	ng	#	98
83) Chrysene	14.068	228	656194	40.620	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	427019	44.273	ng		99
85) Di-n-octyl phthalate	14.633	149	612814	43.240	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	780693	49.568	ng		100
88) Benzo(b)fluoranthene	15.098	252	617905	46.298	ng		98
89) Benzo(k)fluoranthene	15.133	252	588220	43.288	ng		99
90) Benzo(a)pyrene	15.480	252	553785	42.910	ng		99
91) Dibenzo(a,h)anthracene	17.109	278	643713	50.039	ng		99
92) Benzo(g,h,i)perylene	17.568	276	653023	49.225	ng		100

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

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