Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
Data File : BF130156.D
Acq On : 07 Sep 2022 11:52
Operator : CG\JU
Sample : N4500-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-COMPMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

Quant Time: Sep 08 03:04:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.698	152	226786	20.000	ng		0.00
21) Naphthalene-d8	7.981	136	927446	20.000	ng		0.00
39) Acenaphthene-d10	9.733	164	505667	20.000	ng		0.00
64) Phenanthrene-d10	11.210	188	803797	20.000	ng		0.00
76) Chrysene-d12	13.839	240	398906	20.000	ng		0.00
86) Perylene-d12	15.239	264	399882	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1398311	104.673	ng		0.01
7) Phenol-d6	6.334	99	1811874	108.791	ng		0.00
23) Nitrobenzene-d5	7.269	82	1077863	74.689	ng		0.00
42) 2,4,6-Tribromophenol	10.522	330	533675	115.941	ng		0.00
45) 2-Fluorobiphenyl	9.057	172	2011971	65.968	ng		0.00
79) Terphenyl-d14	12.792	244	1790103	77.819	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.440	88	266751	42.728	ng		93
3) Pyridine	3.134	79	671909	40.136	ng		93
4) n-Nitrosodimethylamine	3.099	42	299705	45.523	ng		81
6) Aniline	6.363	93	885632	42.415	ng	#	50
8) 2-Chlorophenol	6.481	128	749306	51.104	ng		99
9) Benzaldehyde	6.245	77	361048	35.418	ng		96
10) Phenol	6.351	94	902844	47.959	ng	#	70
11) bis(2-Chloroethyl)ether	6.440	93	688550	48.139	ng		99
12) 1,3-Dichlorobenzene	6.640	146	756797	46.560	ng		97
13) 1,4-Dichlorobenzene	6.716	146	768088	46.913	ng		98
14) 1,2-Dichlorobenzene	6.869	146	736847	49.509	ng		98
15) Benzyl Alcohol	6.845	79	538517	47.972	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.981	45	890952	45.833	ng	#	54
17) 2-Methylphenol	6.957	107	587561	47.630	ng	#	87
18) Hexachloroethane	7.210	117	288773	48.843	ng		95
19) n-Nitroso-di-n-propyla...	7.122	70	471339	46.977	ng		93
20) 3+4-Methylphenols	7.110	107	682037	47.147	ng	#	71
22) Acetophenone	7.116	105	947787	45.742	ng	#	96
24) Nitrobenzene	7.287	77	741432	48.309	ng		96
25) Isophorone	7.528	82	1419656	48.603	ng		98
26) 2-Nitrophenol	7.598	139	397470	54.609	ng		95
27) 2,4-Dimethylphenol	7.640	122	677749	55.299	ng		98
28) bis(2-Chloroethoxy)met...	7.739	93	881829	50.259	ng		98
29) 2,4-Dichlorophenol	7.840	162	631359	48.159	ng		98
30) 1,2,4-Trichlorobenzene	7.922	180	620910	44.918	ng		98
31) Naphthalene	8.004	128	2057326	43.982	ng		99
32) Benzoic acid	7.781	122	493544	49.139	ng		98
33) 4-Chloroaniline	8.051	127	613727	32.476	ng		99
34) Hexachlorobutadiene	8.122	225	361072	45.609	ng		100
35) Caprolactam	8.439	113	194974m	47.993	ng		
36) 4-Chloro-3-methylphenol	8.539	107	669912	50.499	ng		95
37) 2-Methylnaphthalene	8.692	142	1384178	45.938	ng		99
38) 1-Methylnaphthalene	8.792	142	1318808	45.029	ng		98
40) 1,2,4,5-Tetrachloroben...	8.857	216	591844	44.885	ng		99
41) Hexachlorocyclopentadiene	8.845	237	696732	101.107	ng		98
43) 2,4,6-Trichlorophenol	8.969	196	444664	47.244	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	465755	45.655	ng		96
46) 1,1'-Biphenyl	9.157	154	1654498	45.037	ng		99
47) 2-Chloronaphthalene	9.181	162	1304174	44.307	ng		100
48) 2-Nitroaniline	9.281	65	395880	54.577	ng		91
49) Acenaphthylene	9.598	152	1976697	44.223	ng		100
50) Dimethylphthalate	9.469	163	1533789	44.532	ng		100
51) 2,6-Dinitrotoluene	9.528	165	351442	52.336	ng		88
52) Acenaphthene	9.769	154	1373854m	48.771	ng		
53) 3-Nitroaniline	9.692	138	286668	37.193	ng		99
54) 2,4-Dinitrophenol	9.798	184	320561	102.604	ng		93
55) Dibenzofuran	9.939	168	1778604	44.093	ng		98
56) 4-Nitrophenol	9.863	139	594127	99.983	ng	#	85
57) 2,4-Dinitrotoluene	9.928	165	434802	56.239	ng	#	88
58) Fluorene	10.281	166	1311341	42.726	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.057	232	356043	44.936	ng	#	79
60) Diethylphthalate	10.163	149	1472924	44.205	ng		99
61) 4-Chlorophenyl-phenyle...	10.275	204	607136	44.749	ng		100
62) 4-Nitroaniline	10.310	138	370665	49.448	ng		97
63) Azobenzene	10.433	77	1393839	42.487	ng		95
65) 4,6-Dinitro-2-methylph...	10.333	198	204719	53.327	ng		83
66) n-Nitrosodiphenylamine	10.398	169	1227217	45.672	ng		99
67) 4-Bromophenyl-phenylether	10.763	248	422776	47.287	ng		95
68) Hexachlorobenzene	10.822	284	466904	47.927	ng		93
69) Atrazine	10.928	200	387401	50.962	ng		97
70) Pentachlorophenol	11.016	266	506848	93.040	ng		96
71) Phenanthrene	11.239	178	1886026	43.266	ng		99
72) Anthracene	11.292	178	1926634	44.960	ng		99
73) Carbazole	11.445	167	1758807	44.509	ng		100
74) Di-n-butylphthalate	11.780	149	2109085	44.262	ng		100
75) Fluoranthene	12.422	202	1786715	41.334	ng		98
77) Benzidine	12.545	184	712144	66.123	ng		99
78) Pyrene	12.645	202	1789446	50.013	ng		100
80) Butylbenzylphthalate	13.274	149	714144	50.181	ng		99
81) Benzo(a)anthracene	13.827	228	1200885	43.928	ng		99
82) 3,3'-Dichlorobenzidine	13.798	252	360022	42.231	ng		100
83) Chrysene	13.869	228	1160122	43.044	ng		99
84) Bis(2-ethylhexyl)phtha...	13.833	149	803576	45.426	ng		100
85) Di-n-octyl phthalate	14.445	149	1309217	46.853	ng		98
87) Indeno(1,2,3-cd)pyrene	16.586	276	1415561	53.664	ng		97
88) Benzo(b)fluoranthene	14.845	252	1183331	44.375	ng		99
89) Benzo(k)fluoranthene	14.874	252	1121882	43.500	ng		99
90) Benzo(a)pyrene	15.180	252	1057079	49.886	ng		98
91) Dibenzo(a,h)anthracene	16.610	278	1210884	56.101	ng		98
92) Benzo(g,h,i)perylene	16.998	276	1238942	57.371	ng		96

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

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