Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
Data File : BF130157.D
Acq On : 07 Sep 2022 12:24
Operator : CG\JU
Sample : N4500-10MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-COMPMSD

Manual Integrations APPROVED

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

Quant Time: Sep 08 02:46:14 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	227366	20.000	ng		0.00
21) Naphthalene-d8	7.981	136	925060	20.000	ng		0.00
39) Acenaphthene-d10	9.733	164	497717	20.000	ng		0.00
64) Phenanthrene-d10	11.210	188	817799	20.000	ng		0.00
76) Chrysene-d12	13.839	240	415645	20.000	ng	#	0.00
86) Perylene-d12	15.239	264	404804	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1391363	103.888	ng		0.01
7) Phenol-d6	6.334	99	1807420	108.247	ng		0.00
23) Nitrobenzene-d5	7.269	82	1085078	75.383	ng		0.00
42) 2,4,6-Tribromophenol	10.522	330	547902	120.933	ng		0.00
45) 2-Fluorobiphenyl	9.057	172	2007504	66.872	ng		0.00
79) Terphenyl-d14	12.792	244	1845857	77.011	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.446	88	268615	42.916	ng		94
3) Pyridine	3.140	79	685640	40.851	ng		91
4) n-Nitrosodimethylamine	3.099	42	302337	45.805	ng		84
6) Aniline	6.363	93	881409	42.105	ng	#	50
8) 2-Chlorophenol	6.481	128	746696	50.796	ng		98
9) Benzaldehyde	6.245	77	362847	35.504	ng		97
10) Phenol	6.351	94	897076	47.532	ng	#	70
11) bis(2-Chloroethyl)ether	6.440	93	684031	47.701	ng		99
12) 1,3-Dichlorobenzene	6.640	146	760859	46.691	ng		97
13) 1,4-Dichlorobenzene	6.716	146	765385	46.628	ng		97
14) 1,2-Dichlorobenzene	6.869	146	733611	49.166	ng		97
15) Benzyl Alcohol	6.845	79	547881	48.682	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.981	45	887560	45.542	ng	#	54
17) 2-Methylphenol	6.957	107	590305	47.730	ng	#	88
18) Hexachloroethane	7.210	117	289587	48.856	ng		94
19) n-Nitroso-di-n-propyla...	7.122	70	475612	47.282	ng		93
20) 3+4-Methylphenols	7.110	107	682658	47.069	ng	#	69
22) Acetophenone	7.116	105	946542	45.799	ng	#	97
24) Nitrobenzene	7.287	77	740863	48.396	ng		96
25) Isophorone	7.528	82	1424746	48.903	ng		98
26) 2-Nitrophenol	7.598	139	398203	54.835	ng		95
27) 2,4-Dimethylphenol	7.640	122	676103	55.307	ng		99
28) bis(2-Chloroethoxy)met...	7.740	93	884696	50.552	ng		98
29) 2,4-Dichlorophenol	7.840	162	636346	48.665	ng		99
30) 1,2,4-Trichlorobenzene	7.922	180	613491	44.496	ng		98
31) Naphthalene	8.004	128	2061017	44.175	ng		100
32) Benzoic acid	7.775	122	494207	49.306	ng		99
33) 4-Chloroaniline	8.051	127	614313	32.590	ng		99
34) Hexachlorobutadiene	8.122	225	360406	45.642	ng		99
35) Caprolactam	8.439	113	191934m	47.367	ng		
36) 4-Chloro-3-methylphenol	8.539	107	671879	50.778	ng		95
37) 2-Methylnaphthalene	8.692	142	1387117	46.154	ng		99
38) 1-Methylnaphthalene	8.792	142	1303547	44.623	ng		100
40) 1,2,4,5-Tetrachloroben...	8.857	216	592650	45.664	ng		99
41) Hexachlorocyclopentadiene	8.845	237	691264	101.915	ng		97
43) 2,4,6-Trichlorophenol	8.969	196	445740	48.115	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	463283	46.139	ng		95
46) 1,1'-Biphenyl	9.157	154	1663415	46.003	ng		99
47) 2-Chloronaphthalene	9.181	162	1285827	44.381	ng		99
48) 2-Nitroaniline	9.281	65	394361	55.237	ng		89
49) Acenaphthylene	9.598	152	1960275	44.557	ng		100
50) Dimethylphthalate	9.469	163	1536933	45.337	ng		100
51) 2,6-Dinitrotoluene	9.528	165	358720	54.273	ng	#	83
52) Acenaphthene	9.769	154	1380888m	49.803	ng		
53) 3-Nitroaniline	9.692	138	293273	38.658	ng		95
54) 2,4-Dinitrophenol	9.798	184	331519	107.396	ng		90
55) Dibenzofuran	9.939	168	1771681	44.623	ng		98
56) 4-Nitrophenol	9.857	139	599201	102.448	ng		94
57) 2,4-Dinitrotoluene	9.928	165	445211	58.506	ng	#	86
58) Fluorene	10.281	166	1313884	43.492	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.057	232	362182	46.440	ng	#	79
60) Diethylphthalate	10.163	149	1485284	45.288	ng		99
61) 4-Chlorophenyl-phenyle...	10.275	204	609491	45.640	ng		98
62) 4-Nitroaniline	10.310	138	374281	50.728	ng		96
63) Azobenzene	10.433	77	1411676	43.718	ng		96
65) 4,6-Dinitro-2-methylph...	10.333	198	210604	53.853	ng		79
66) n-Nitrosodiphenylamine	10.398	169	1247869	45.645	ng		98
67) 4-Bromophenyl-phenylether	10.763	248	427942	47.045	ng		94
68) Hexachlorobenzene	10.822	284	470723	47.492	ng		92
69) Atrazine	10.928	200	397421	51.385	ng		99
70) Pentachlorophenol	11.016	266	511674	92.318	ng		96
71) Phenanthrene	11.239	178	1910978	43.088	ng		99
72) Anthracene	11.292	178	1958313	44.917	ng		100
73) Carbazole	11.445	167	1789870	44.519	ng		100
74) Di-n-butylphthalate	11.780	149	2155678	44.465	ng		100
75) Fluoranthene	12.422	202	1864743	42.401	ng		99
77) Benzidine	12.545	184	768264	68.461	ng		99
78) Pyrene	12.645	202	1846205	49.521	ng		99
80) Butylbenzylphthalate	13.274	149	766323	51.679	ng		99
81) Benzo(a)anthracene	13.827	228	1263332	44.352	ng		99
82) 3,3'-Dichlorobenzidine	13.798	252	371103	41.777	ng		99
83) Chrysene	13.869	228	1256329	44.736	ng		100
84) Bis(2-ethylhexyl)phtha...	13.833	149	848794	46.050	ng		100
85) Di-n-octyl phthalate	14.445	149	1372862	47.152	ng		97
87) Indeno(1,2,3-cd)pyrene	16.586	276	1410312	52.815	ng		97
88) Benzo(b)fluoranthene	14.845	252	1223332	45.317	ng		99
89) Benzo(k)fluoranthene	14.874	252	1160698	44.457	ng		98
90) Benzo(a)pyrene	15.180	252	1065542	49.674	ng		98
91) Dibenzo(a,h)anthracene	16.610	278	1215725	55.640	ng		98
92) Benzo(g,h,i)perylene	16.992	276	1232538	56.381	ng		95

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

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