Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
Data File : BF130246.D
Acq On : 14 Sep 2022 18:35
Operator : CG\JU
Sample : N4578-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

Quant Time: Sep 15 01:25:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 14:55:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	100683	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	401227	20.000	ng	0.00
39) Acenaphthene-d10	9.710	164	203549	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	326333	20.000	ng	0.00
76) Chrysene-d12	13.816	240	160821	20.000	ng	0.00
86) Perylene-d12	15.204	264	153565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	730798	125.894	ng	0.02
7) Phenol-d6	6.316	99	845408	116.396	ng	0.00
23) Nitrobenzene-d5	7.245	82	665934	84.794	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	286056	146.666	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1158380	82.871	ng	0.00
79) Terphenyl-d14	12.775	244	948028	97.649	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	109361	41.021	ng	98
3) Pyridine	3.146	79	225574	32.436	ng	98
4) n-Nitrosodimethylamine	3.081	42	170153	44.986	ng	95
6) Aniline	6.340	93	199262m	22.266	ng	
8) 2-Chlorophenol	6.463	128	322824	48.820	ng	95
9) Benzaldehyde	6.228	77	140135	28.803	ng	98
10) Phenol	6.328	94	337907	39.699	ng	98
11) bis(2-Chloroethyl)ether	6.422	93	301535	49.115	ng	98
12) 1,3-Dichlorobenzene	6.616	146	292622	40.218	ng	99
13) 1,4-Dichlorobenzene	6.698	146	300506	40.501	ng	98
14) 1,2-Dichlorobenzene	6.846	146	292803	42.244	ng	99
15) Benzyl Alcohol	6.828	79	234347	40.694	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.963	45	410989	45.898	ng	93
17) 2-Methylphenol	6.940	107	273291	50.842	ng	98
18) Hexachloroethane	7.187	117	116106	39.698	ng	96
19) n-Nitroso-di-n-propyla...	7.104	70	237519	48.463	ng	95
20) 3+4-Methylphenols	7.093	107	319152	45.705	ng	96
22) Acetophenone	7.093	105	476729	48.599	ng	100
24) Nitrobenzene	7.263	77	363452	45.577	ng	99
25) Isophorone	7.504	82	638922	50.475	ng	99
26) 2-Nitrophenol	7.581	139	168151	51.438	ng	91
27) 2,4-Dimethylphenol	7.622	122	276548	54.943	ng	96
28) bis(2-Chloroethoxy)met...	7.722	93	376240	52.786	ng	99
29) 2,4-Dichlorophenol	7.822	162	263024	47.686	ng	96
30) 1,2,4-Trichlorobenzene	7.904	180	247740	41.543	ng	96
31) Naphthalene	7.981	128	882084	42.673	ng	100
32) Benzoic acid	7.745	122	180991	46.498	ng	98
33) 4-Chloroaniline	8.034	127	105708	13.446	ng	97
34) Hexachlorobutadiene	8.098	225	154485	40.535	ng	99
35) Caprolactam	8.410	113	66328m	41.946	ng	
36) 4-Chloro-3-methylphenol	8.516	107	298423	48.811	ng	95
37) 2-Methylnaphthalene	8.675	142	594126	45.080	ng	98
38) 1-Methylnaphthalene	8.769	142	567166	44.797	ng	98
40) 1,2,4,5-Tetrachloroben...	8.839	216	269447	48.506	ng	99
41) Hexachlorocyclopentadiene	8.828	237	340982	114.652	ng	99
43) 2,4,6-Trichlorophenol	8.951	196	185109	47.747	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.987	196	198285	47.396	ng	#	91
46) 1,1'-Biphenyl	9.139	154	739191	48.625	ng		98
47) 2-Chloronaphthalene	9.163	162	568378	46.219	ng		98
48) 2-Nitroaniline	9.263	65	190454	46.434	ng		90
49) Acenaphthylene	9.575	152	859695	46.626	ng		99
50) Dimethylphthalate	9.445	163	675838	48.067	ng		99
51) 2,6-Dinitrotoluene	9.504	165	146523	49.829	ng		95
52) Acenaphthene	9.745	154	636067m	52.505	ng		
53) 3-Nitroaniline	9.669	138	88731	27.080	ng		98
54) 2,4-Dinitrophenol	9.775	184	158203	97.679	ng		96
55) Dibenzofuran	9.916	168	776471	46.081	ng		97
56) 4-Nitrophenol	9.834	139	199747	83.698	ng		97
57) 2,4-Dinitrotoluene	9.904	165	188847	50.251	ng		98
58) Fluorene	10.257	166	638384	46.325	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.034	232	150890	46.080	ng		97
60) Diethylphthalate	10.145	149	660285	46.830	ng		98
61) 4-Chlorophenyl-phenyle...	10.251	204	294148	48.658	ng		94
62) 4-Nitroaniline	10.286	138	140325	42.631	ng		97
63) Azobenzene	10.410	77	653395	45.004	ng		98
65) 4,6-Dinitro-2-methylph...	10.310	198	90227	49.668	ng		87
66) n-Nitrosodiphenylamine	10.375	169	532285	48.811	ng		99
67) 4-Bromophenyl-phenylether	10.739	248	181427	50.397	ng		93
68) Hexachlorobenzene	10.798	284	203028	49.752	ng	#	90
69) Atrazine	10.904	200	161939	50.814	ng		97
70) Pentachlorophenol	10.992	266	219208	100.089	ng		100
71) Phenanthrene	11.216	178	849185	46.349	ng		100
72) Anthracene	11.269	178	850867	48.124	ng		99
73) Carbazole	11.422	167	739433	46.340	ng		99
74) Di-n-butylphthalate	11.763	149	891639	46.338	ng		99
75) Fluoranthene	12.398	202	749174	42.316	ng		97
77) Benzidine	12.522	184	91448	19.588	ng		98
78) Pyrene	12.622	202	734428	52.203	ng		99
80) Butylbenzylphthalate	13.251	149	257805	49.465	ng		98
81) Benzo(a)anthracene	13.804	228	489686	45.771	ng		100
82) 3,3'-Dichlorobenzidine	13.774	252	129909	44.607	ng		98
83) Chrysene	13.839	228	462377	45.517	ng		99
84) Bis(2-ethylhexyl)phtha...	13.810	149	297106	49.768	ng		99
85) Di-n-octyl phthalate	14.421	149	429191	47.004	ng		99
87) Indeno(1,2,3-cd)pyrene	16.539	276	573142	52.630	ng		100
88) Benzo(b)fluoranthene	14.816	252	453891	45.284	ng		98
89) Benzo(k)fluoranthene	14.845	252	463350	46.994	ng		98
90) Benzo(a)pyrene	15.151	252	401673	50.584	ng		99
91) Dibenzo(a,h)anthracene	16.557	278	496500	55.577	ng		100
92) Benzo(g,h,i)perylene	16.945	276	507111	56.351	ng		99

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

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