Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
Data File : BF130266.D
Acq On : 15 Sep 2022 12:09
Operator : CG\JU
Sample : PB147612BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 03:24:00 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

Instrument :
BNA_F
ClientSampleId :
PB147612BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.675	152	113116	20.000	ng		0.00
21) Naphthalene-d8	7.957	136	440057	20.000	ng		0.00
39) Acenaphthene-d10	9.710	164	230210	20.000	ng		0.00
64) Phenanthrene-d10	11.192	188	389842	20.000	ng		0.00
76) Chrysene-d12	13.821	240	235820	20.000	ng		0.00
86) Perylene-d12	15.209	264	191065	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.292	112	857156	131.432	ng		0.02
7) Phenol-d6	6.316	99	1067420	130.809	ng		0.00
23) Nitrobenzene-d5	7.245	82	702331	81.537	ng		0.00
42) 2,4,6-Tribromophenol	10.498	330	339729	154.013	ng		0.00
45) 2-Fluorobiphenyl	9.039	172	1302965	82.419	ng		0.00
79) Terphenyl-d14	12.774	244	1364453	95.844	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.410	88	98837	32.999	ng		97
3) Pyridine	3.093	79	264989	33.916	ng		98
4) n-Nitrosodimethylamine	3.051	42	170187	40.049	ng		99
6) Aniline	6.339	93	426567	42.426	ng		99
8) 2-Chlorophenol	6.457	128	332664	44.779	ng		98
9) Benzaldehyde	6.228	77	219137	40.091	ng		97
10) Phenol	6.328	94	410808	42.959	ng		90
11) bis(2-Chloroethyl)ether	6.422	93	299439	43.412	ng		96
12) 1,3-Dichlorobenzene	6.616	146	350302	42.853	ng		99
13) 1,4-Dichlorobenzene	6.692	146	360428	43.238	ng		99
14) 1,2-Dichlorobenzene	6.845	146	341315	43.831	ng		98
15) Benzyl Alcohol	6.828	79	279162	43.148	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.957	45	412645	41.018	ng		98
17) 2-Methylphenol	6.939	107	257689	42.670	ng		97
18) Hexachloroethane	7.186	117	139978	42.600	ng		99
19) n-Nitroso-di-n-propyla...	7.104	70	235496	42.769	ng		97
20) 3+4-Methylphenols	7.092	107	332088	42.330	ng	#	85
22) Acetophenone	7.092	105	475930	44.237	ng		97
24) Nitrobenzene	7.263	77	361461	41.328	ng		99
25) Isophorone	7.504	82	635945	45.807	ng		99
26) 2-Nitrophenol	7.581	139	168617	47.029	ng		93
27) 2,4-Dimethylphenol	7.622	122	282392	51.153	ng		98
28) bis(2-Chloroethoxy)met...	7.722	93	374428	47.897	ng		99
29) 2,4-Dichlorophenol	7.822	162	271237	44.835	ng		97
30) 1,2,4-Trichlorobenzene	7.904	180	280370	42.866	ng		96
31) Naphthalene	7.981	128	947253	41.782	ng		100
32) Benzoic acid	7.757	122	197852	46.344	ng		96
33) 4-Chloroaniline	8.033	127	303237	35.168	ng		98
34) Hexachlorobutadiene	8.098	225	180000	43.062	ng		98
35) Caprolactam	8.410	113	84146m	48.519	ng		
36) 4-Chloro-3-methylphenol	8.522	107	302483	45.110	ng		98
37) 2-Methylnaphthalene	8.675	142	622253	43.048	ng		98
38) 1-Methylnaphthalene	8.769	142	592838	42.693	ng		96
40) 1,2,4,5-Tetrachloroben...	8.839	216	284257	45.245	ng		99
41) Hexachlorocyclopentadiene	8.828	237	397137	118.068	ng		99
43) 2,4,6-Trichlorophenol	8.951	196	194048	44.256	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.986	196	205958	43.529	ng		95
46)	1,1'-Biphenyl	9.139	154	755381	43.935	ng		98
47)	2-Chloronaphthalene	9.163	162	595735	42.834	ng		97
48)	2-Nitroaniline	9.263	65	196001	42.253	ng		92
49)	Acenaphthylene	9.575	152	896046	42.969	ng		99
50)	Dimethylphthalate	9.445	163	694662	43.684	ng		99
51)	2,6-Dinitrotoluene	9.504	165	151960	45.693	ng		94
52)	Acenaphthene	9.745	154	667288m	48.703	ng		
53)	3-Nitroaniline	9.675	138	132484	35.751	ng		92
54)	2,4-Dinitrophenol	9.780	184	168724	92.467	ng	#	84
55)	Dibenzofuran	9.916	168	815547	42.794	ng		100
56)	4-Nitrophenol	9.839	139	251683	93.247	ng		94
57)	2,4-Dinitrotoluene	9.904	165	202306	47.598	ng		98
58)	Fluorene	10.257	166	667694	42.841	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.033	232	161407	43.583	ng		98
60)	Diethylphthalate	10.145	149	694918	43.578	ng		99
61)	4-Chlorophenyl-phenyle...	10.257	204	309266	45.234	ng		93
62)	4-Nitroaniline	10.292	138	159258	42.780	ng		94
63)	Azobenzene	10.416	77	675675	41.149	ng		96
65)	4,6-Dinitro-2-methylph...	10.310	198	99636	45.913	ng		98
66)	n-Nitrosodiphenylamine	10.374	169	562245	43.159	ng		99
67)	4-Bromophenyl-phenylether	10.739	248	196856	45.774	ng		96
68)	Hexachlorobenzene	10.798	284	222414	45.623	ng		92
69)	Atrazine	10.904	200	188236	49.444	ng		98
70)	Pentachlorophenol	10.998	266	250493	95.741	ng		99
71)	Phenanthrene	11.216	178	927325	42.368	ng		100
72)	Anthracene	11.269	178	942470	44.621	ng		100
73)	Carbazole	11.421	167	847465	44.458	ng		99
74)	Di-n-butylphthalate	11.763	149	1041680	45.317	ng		99
75)	Fluoranthene	12.398	202	915594	43.291	ng		98
77)	Benzidine	12.527	184	501086	73.198	ng		99
78)	Pyrene	12.627	202	926129	44.893	ng		98
80)	Butylbenzylphthalate	13.251	149	360648	47.190	ng		98
81)	Benzo(a)anthracene	13.810	228	685166	43.675	ng		99
82)	3,3'-Dichlorobenzidine	13.780	252	194355	45.512	ng	#	99
83)	Chrysene	13.845	228	623232	41.840	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.810	149	427161	48.796	ng		99
85)	Di-n-octyl phthalate	14.421	149	621847	46.444	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.545	276	607577	44.842	ng		99
88)	Benzo(b)fluoranthene	14.821	252	588759m	47.211	ng		
89)	Benzo(k)fluoranthene	14.845	252	540917	44.094	ng		99
90)	Benzo(a)pyrene	15.151	252	477221	48.303	ng		99
91)	Dibenzo(a,h)anthracene	16.562	278	530506	47.728	ng		99
92)	Benzo(g,h,i)perylene	16.945	276	517696	46.236	ng		98

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

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