Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130644.D
Acq On : 13 Oct 2022 13:22
Operator : CG\JU
Sample : PB148309BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 14 05:58:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148309BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.587	152	90635	20.000	ng		0.00
21) Naphthalene-d8	7.875	136	358886	20.000	ng		0.00
39) Acenaphthene-d10	9.622	164	196109	20.000	ng		0.00
64) Phenanthrene-d10	11.098	188	348333	20.000	ng		0.00
76) Chrysene-d12	13.733	240	231307	20.000	ng	#	0.00
86) Perylene-d12	15.104	264	167544	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.199	112	691345	137.494	ng		0.01
7) Phenol-d6	6.246	99	835626	132.182	ng		0.00
23) Nitrobenzene-d5	7.163	82	526433	80.076	ng		0.00
42) 2,4,6-Tribromophenol	10.416	330	295369	153.925	ng		0.00
45) 2-Fluorobiphenyl	8.951	172	1102106	85.127	ng		0.00
79) Terphenyl-d14	12.686	244	1258433	90.298	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.240	88	76918	25.285	ng		100
3) Pyridine	2.905	79	185871	34.158	ng		97
4) n-Nitrosodimethylamine	2.863	42	113572	44.298	ng		93
6) Aniline	6.257	93	297690	39.332	ng	#	61
8) 2-Chlorophenol	6.375	128	267233	45.193	ng		98
9) Benzaldehyde	6.140	77	87198	21.954	ng		97
10) Phenol	6.257	94	318145	43.494	ng		99
11) bis(2-Chloroethyl)ether	6.334	93	233213	43.892	ng		96
12) 1,3-Dichlorobenzene	6.528	146	284964	44.014	ng		99
13) 1,4-Dichlorobenzene	6.604	146	291030	44.309	ng		98
14) 1,2-Dichlorobenzene	6.757	146	276635	45.223	ng		98
15) Benzyl Alcohol	6.746	79	205648	45.309	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.875	45	291276	42.610	ng		94
17) 2-Methylphenol	6.863	107	206495	43.901	ng		97
18) Hexachloroethane	7.093	117	108231	43.557	ng		98
19) n-Nitroso-di-n-propyla...	7.016	70	176007	43.153	ng		99
20) 3+4-Methylphenols	7.016	107	265429	42.112	ng		93
22) Acetophenone	7.010	105	378240	43.934	ng		99
24) Nitrobenzene	7.181	77	268315	40.584	ng		100
25) Isophorone	7.422	82	483003	44.144	ng		100
26) 2-Nitrophenol	7.498	139	142955	44.092	ng		98
27) 2,4-Dimethylphenol	7.545	122	227496	50.344	ng		100
28) bis(2-Chloroethoxy)met...	7.634	93	291836	46.064	ng		99
29) 2,4-Dichlorophenol	7.740	162	224304	44.366	ng		99
30) 1,2,4-Trichlorobenzene	7.816	180	232520	42.660	ng		99
31) Naphthalene	7.893	128	766206	41.244	ng		99
32) Benzoic acid	7.704	122	124226	43.454	ng		97
33) 4-Chloroaniline	7.951	127	266248	36.997	ng		100
34) Hexachlorobutadiene	8.010	225	150316	44.434	ng		99
35) Caprolactam	8.340	113	67404m	44.311	ng		
36) 4-Chloro-3-methylphenol	8.451	107	241289	43.998	ng		100
37) 2-Methylnaphthalene	8.587	142	509825	43.609	ng		100
38) 1-Methylnaphthalene	8.681	142	481481	42.424	ng		99
40) 1,2,4,5-Tetrachloroben...	8.751	216	242434	45.565	ng		97
41) Hexachlorocyclopentadiene	8.734	237	217722	103.694	ng		98
43) 2,4,6-Trichlorophenol	8.869	196	153438	42.950	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.916	196	164001	41.744	ng		99
46)	1,1'-Biphenyl	9.051	154	634751	44.662	ng		100
47)	2-Chloronaphthalene	9.075	162	496838	42.773	ng		99
48)	2-Nitroaniline	9.181	65	146269	41.832	ng		94
49)	Acenaphthylene	9.487	152	738200	42.415	ng		98
50)	Dimethylphthalate	9.363	163	594353	43.782	ng		99
51)	2,6-Dinitrotoluene	9.422	165	134092	45.030	ng		95
52)	Acenaphthene	9.657	154	445058	42.207	ng		99
53)	3-Nitroaniline	9.592	138	113366	34.730	ng		97
54)	2,4-Dinitrophenol	9.704	184	131686	86.362	ng	#	85
55)	Dibenzofuran	9.828	168	685399	42.668	ng		99
56)	4-Nitrophenol	9.775	139	157504	87.513	ng		95
57)	2,4-Dinitrotoluene	9.828	165	173327	45.289	ng		93
58)	Fluorene	10.169	166	571836	43.300	ng		98
59)	2,3,4,6-Tetrachlorophenol	9.951	232	129943	41.486	ng		99
60)	Diethylphthalate	10.057	149	577565	42.642	ng		99
61)	4-Chlorophenyl-phenyle...	10.163	204	268907	45.038	ng		100
62)	4-Nitroaniline	10.210	138	131021	42.041	ng		97
63)	Azobenzene	10.322	77	515757	40.429	ng		98
65)	4,6-Dinitro-2-methylph...	10.239	198	92794	42.628	ng		96
66)	n-Nitrosodiphenylamine	10.292	169	494217	42.653	ng		100
67)	4-Bromophenyl-phenylether	10.651	248	175950	44.642	ng		98
68)	Hexachlorobenzene	10.710	284	205151	46.045	ng		99
69)	Atrazine	10.822	200	160379	50.830	ng		99
70)	Pentachlorophenol	10.916	266	163964	94.556	ng		96
71)	Phenanthrene	11.128	178	808947	41.917	ng		99
72)	Anthracene	11.181	178	823708	43.702	ng		99
73)	Carbazole	11.339	167	736619	43.798	ng		100
74)	Di-n-butylphthalate	11.669	149	900939	44.223	ng		99
75)	Fluoranthene	12.310	202	835899	45.066	ng		99
77)	Benzidine	12.439	184	322982	55.243	ng		99
78)	Pyrene	12.533	202	838486	42.019	ng		100
80)	Butylbenzylphthalate	13.163	149	339205	44.206	ng		99
81)	Benzo(a)anthracene	13.722	228	656998	42.154	ng		100
82)	3,3'-Dichlorobenzidine	13.692	252	202577	44.979	ng	#	98
83)	Chrysene	13.757	228	602105	40.745	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.722	149	427620	45.968	ng		100
85)	Di-n-octyl phthalate	14.327	149	577348	40.525	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.398	276	583347	46.519	ng		99
88)	Benzo(b)fluoranthene	14.727	252	531838	50.130	ng		99
89)	Benzo(k)fluoranthene	14.751	252	490704	45.425	ng		100
90)	Benzo(a)pyrene	15.051	252	436181	49.398	ng		98
91)	Dibenzo(a,h)anthracene	16.404	278	512140	49.824	ng		100
92)	Benzo(g,h,i)perylene	16.780	276	502736	52.512	ng		97

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

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