Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
Data File : BF130549.D
Acq On : 06 Oct 2022 13:54
Operator : CG\JU
Sample : PB148116BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 07 02:09:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 02:06:46 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148116BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.616	152	92151	20.000	ng		0.00
21) Naphthalene-d8	7.904	136	371383	20.000	ng	#	0.00
39) Acenaphthene-d10	9.651	164	197233	20.000	ng		0.00
64) Phenanthrene-d10	11.133	188	332503	20.000	ng		0.00
76) Chrysene-d12	13.763	240	166765	20.000	ng		0.00
86) Perylene-d12	15.145	264	156091	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	737153	138.747	ng		0.02
7) Phenol-d6	6.275	99	917808	138.064	ng		0.00
23) Nitrobenzene-d5	7.193	82	585045	80.480	ng		0.00
42) 2,4,6-Tribromophenol	10.445	330	293778	155.449	ng		0.00
45) 2-Fluorobiphenyl	8.981	172	1143200	84.404	ng		0.00
79) Terphenyl-d14	12.716	244	1089369	108.208	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.281	88	80570	33.020	ng		98
3) Pyridine	2.958	79	209781	32.958	ng		91
4) n-Nitrosodimethylamine	2.916	42	133728	38.629	ng		94
6) Aniline	6.281	93	334753	40.869	ng	#	38
8) 2-Chlorophenol	6.404	128	290355	47.976	ng		95
9) Benzaldehyde	6.169	77	170982	38.398	ng		93
10) Phenol	6.287	94	352156	45.203	ng		79
11) bis(2-Chloroethyl)ether	6.363	93	258974	46.088	ng		97
12) 1,3-Dichlorobenzene	6.557	146	302547	45.432	ng		98
13) 1,4-Dichlorobenzene	6.634	146	308681	45.455	ng		99
14) 1,2-Dichlorobenzene	6.787	146	290623	45.812	ng		96
15) Benzyl Alcohol	6.775	79	225109	42.709	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.904	45	337334	41.160	ng		88
17) 2-Methylphenol	6.893	107	237974	48.370	ng		96
18) Hexachloroethane	7.128	117	118511	44.272	ng		95
19) n-Nitroso-di-n-propyla...	7.045	70	200418	44.679	ng		94
20) 3+4-Methylphenols	7.045	107	296883	46.452	ng	#	67
22) Acetophenone	7.040	105	410152	45.172	ng	#	93
24) Nitrobenzene	7.210	77	305448	41.381	ng		97
25) Isophorone	7.451	82	541773	46.240	ng		98
26) 2-Nitrophenol	7.522	139	153130	50.607	ng		94
27) 2,4-Dimethylphenol	7.575	122	242105	51.965	ng		95
28) bis(2-Chloroethoxy)met...	7.663	93	323557	49.043	ng		99
29) 2,4-Dichlorophenol	7.769	162	238700	46.753	ng		97
30) 1,2,4-Trichlorobenzene	7.845	180	242485	43.930	ng		96
31) Naphthalene	7.928	128	822994	43.014	ng		99
32) Benzoic acid	7.728	122	130256	36.153	ng		96
33) 4-Chloroaniline	7.981	127	243873	33.513	ng		97
34) Hexachlorobutadiene	8.040	225	154547	43.810	ng		99
35) Caprolactam	8.363	113	77151m	52.711	ng		
36) 4-Chloro-3-methylphenol	8.475	107	269396	47.604	ng		99
37) 2-Methylnaphthalene	8.616	142	547968	44.919	ng		100
38) 1-Methylnaphthalene	8.716	142	523428	44.665	ng		100
40) 1,2,4,5-Tetrachloroben...	8.781	216	251894	46.798	ng		99
41) Hexachlorocyclopentadiene	8.763	237	247768	85.977	ng		99
43) 2,4,6-Trichlorophenol	8.898	196	166521	44.328	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.940	196	182389	44.993	ng	96
46) 1,1'-Biphenyl	9.081	154	678928	46.091	ng	98
47) 2-Chloronaphthalene	9.104	162	523570	43.939	ng	97
48) 2-Nitroaniline	9.210	65	166124	41.800	ng	88
49) Acenaphthylene	9.516	152	790207	44.230	ng	100
50) Dimethylphthalate	9.392	163	629556	46.209	ng	99
51) 2,6-Dinitrotoluene	9.451	165	140069	49.159	ng	91
52) Acenaphthene	9.687	154	571820m	48.713	ng	
53) 3-Nitroaniline	9.622	138	113413	35.721	ng	89
54) 2,4-Dinitrophenol	9.734	184	130468	84.065	ng	88
55) Dibenzofuran	9.857	168	735050	45.019	ng	100
56) 4-Nitrophenol	9.798	139	177876	76.921	ng	90
57) 2,4-Dinitrotoluene	9.857	165	184372	50.631	ng	95
58) Fluorene	10.204	166	599669	44.909	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.981	232	141015	44.443	ng	93
60) Diethylphthalate	10.086	149	624815	45.733	ng	99
61) 4-Chlorophenyl-phenyle...	10.198	204	281521	48.061	ng	92
62) 4-Nitroaniline	10.239	138	137872m	43.227	ng	
63) Azobenzene	10.357	77	576318	40.966	ng	94
65) 4,6-Dinitro-2-methylph...	10.263	198	90271	48.770	ng	93
66) n-Nitrosodiphenylamine	10.322	169	516973	46.527	ng	100
67) 4-Bromophenyl-phenylether	10.681	248	179548	48.949	ng	97
68) Hexachlorobenzene	10.745	284	203639	48.975	ng	96
69) Atrazine	10.851	200	172521	53.130	ng	98
70) Pentachlorophenol	10.945	266	166429	74.580	ng	99
71) Phenanthrene	11.157	178	826317	44.264	ng	99
72) Anthracene	11.210	178	842127	46.746	ng	99
73) Carbazole	11.369	167	733578	45.120	ng	99
74) Di-n-butylphthalate	11.704	149	889184	45.353	ng	99
75) Fluoranthene	12.339	202	783563	43.437	ng	99
77) Benzidine	12.469	184	276264	57.067	ng	98
78) Pyrene	12.569	202	763148	52.311	ng	99
80) Butylbenzylphthalate	13.192	149	269582	49.881	ng	99
81) Benzo(a)anthracene	13.751	228	503915	45.422	ng	99
82) 3,3'-Dichlorobenzidine	13.722	252	131537	43.557	ng	97
83) Chrysene	13.786	228	471970	44.805	ng	99
84) Bis(2-ethylhexyl)phtha...	13.751	149	297301	48.025	ng	99
85) Di-n-octyl phthalate	14.363	149	451745	47.711	ng	96
87) Indeno(1,2,3-cd)pyrene	16.457	276	561890	50.762	ng	98
88) Benzo(b)fluoranthene	14.763	252	472787	46.406	ng	98
89) Benzo(k)fluoranthene	14.786	252	441822	44.086	ng	99
90) Benzo(a)pyrene	15.092	252	410738	50.889	ng	97
91) Dibenzo(a,h)anthracene	16.474	278	484803	53.389	ng	98
92) Benzo(g,h,i)perylene	16.851	276	487196	53.261	ng	100

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

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