Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102022\
Data File : BF130731.D
Acq On : 20 Oct 2022 17:13
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 21 05:00:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 04:55:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.563	152	84674	20.000	ng		0.00
21) Naphthalene-d8	7.845	136	379394	20.000	ng		0.00
39) Acenaphthene-d10	9.598	164	204086	20.000	ng		0.00
64) Phenanthrene-d10	11.074	188	382481	20.000	ng		0.00
76) Chrysene-d12	13.704	240	177613	20.000	ng		0.00
86) Perylene-d12	15.080	264	146752	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	441634	94.015	ng		0.00
7) Phenol-d6	6.228	99	549203	92.990	ng		0.00
23) Nitrobenzene-d5	7.145	82	591794	85.153	ng		0.00
42) 2,4,6-Tribromophenol	10.386	330	172183	86.222	ng		0.00
45) 2-Fluorobiphenyl	8.927	172	1096680	81.397	ng		0.00
79) Terphenyl-d14	12.657	244	1108236	103.561	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.116	88	146724	51.628	ng		100
3) Pyridine	2.775	79	273424	53.786	ng		98
4) n-Nitrosodimethylamine	2.757	42	122507	51.147	ng		96
6) Aniline	6.234	93	335249	47.413	ng		97
8) 2-Chlorophenol	6.357	128	266140	48.177	ng		95
9) Benzaldehyde	6.122	77	155686	41.957	ng		97
10) Phenol	6.239	94	324672	47.511	ng		98
11) bis(2-Chloroethyl)ether	6.316	93	230183	46.371	ng		99
12) 1,3-Dichlorobenzene	6.504	146	290290	47.993	ng		99
13) 1,4-Dichlorobenzene	6.581	146	299583	48.822	ng		100
14) 1,2-Dichlorobenzene	6.733	146	277729	48.599	ng		99
15) Benzyl Alcohol	6.728	79	216785	51.125	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.851	45	282570	44.247	ng		89
17) 2-Methylphenol	6.845	107	215758	49.100	ng		99
18) Hexachloroethane	7.069	117	113590	48.932	ng		99
19) n-Nitroso-di-n-propyla...	6.998	70	182317	47.847	ng		97
20) 3+4-Methylphenols	7.004	107	289454	49.157	ng	#	83
22) Acetophenone	6.992	105	376733	41.394	ng	#	99
24) Nitrobenzene	7.163	77	305431	43.701	ng		97
25) Isophorone	7.398	82	539584	46.649	ng		99
26) 2-Nitrophenol	7.475	139	173898	50.737	ng		96
27) 2,4-Dimethylphenol	7.522	122	209590	43.874	ng		98
28) bis(2-Chloroethoxy)met...	7.610	93	322339	48.128	ng		100
29) 2,4-Dichlorophenol	7.722	162	284125	53.160	ng		100
30) 1,2,4-Trichlorobenzene	7.792	180	268188	46.544	ng		100
31) Naphthalene	7.869	128	926741	47.188	ng		99
32) Benzoic acid	7.704	122	148736m	49.216	ng		
33) 4-Chloroaniline	7.933	127	300699	39.526	ng		99
34) Hexachlorobutadiene	7.980	225	143920	40.243	ng		100
35) Caprolactam	8.333	113	67590	42.031	ng		99
36) 4-Chloro-3-methylphenol	8.433	107	235810	40.675	ng		95
37) 2-Methylnaphthalene	8.557	142	507597	41.071	ng		98
38) 1-Methylnaphthalene	8.657	142	494924	41.251	ng		100
40) 1,2,4,5-Tetrachloroben...	8.727	216	230135	41.562	ng		99
41) Hexachlorocyclopentadiene	8.704	237	24458	15.467	ng		93
43) 2,4,6-Trichlorophenol	8.851	196	148524	39.949	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	8.898	196	163906	40.089	ng	98
46)	1,1'-Biphenyl	9.022	154	612544	41.415	ng	99
47)	2-Chloronaphthalene	9.045	162	504206	41.711	ng	100
48)	2-Nitroaniline	9.163	65	160201	44.025	ng	98
49)	Acenaphthylene	9.457	152	834985	46.101	ng	100
50)	Dimethylphthalate	9.339	163	716735	50.734	ng	100
51)	2,6-Dinitrotoluene	9.404	165	161791	52.208	ng	90
52)	Acenaphthene	9.627	154	542148	49.405	ng	100
53)	3-Nitroaniline	9.574	138	183803	54.108	ng	100
54)	2,4-Dinitrophenol	9.698	184	60253	44.047	ng	99
55)	Dibenzofuran	9.804	168	834049	49.892	ng	96
56)	4-Nitrophenol	9.769	139	43717	23.341	ng	99
57)	2,4-Dinitrotoluene	9.810	165	213913	53.709	ng	93
58)	Fluorene	10.145	166	595453	43.326	ng	100
59)	2,3,4,6-Tetrachlorophenol	9.933	232	141787	43.499	ng	98
60)	Diethylphthalate	10.027	149	668832	47.450	ng	100
61)	4-Chlorophenyl-phenyle...	10.139	204	270459	43.527	ng	99
62)	4-Nitroaniline	10.192	138	165104	50.907	ng	99
63)	Azobenzene	10.298	77	519200	39.108	ng	100
65)	4,6-Dinitro-2-methylph...	10.221	198	117456	49.140	ng	95
66)	n-Nitrosodiphenylamine	10.263	169	558821	43.923	ng	100
67)	4-Bromophenyl-phenylether	10.621	248	210776	48.704	ng	97
68)	Hexachlorobenzene	10.686	284	235740	48.187	ng	97
69)	Atrazine	10.792	200	158616	45.783	ng	99
70)	Pentachlorophenol	10.898	266	46899	24.631	ng	94
71)	Phenanthrene	11.104	178	933610	44.057	ng	100
72)	Anthracene	11.151	178	944876	45.655	ng	99
73)	Carbazole	11.316	167	774811	41.956	ng	99
74)	Di-n-butylphthalate	11.645	149	1039805	46.482	ng	99
75)	Fluoranthene	12.280	202	788506	38.716	ng	99
77)	Benzidine	12.415	184	133760	29.795	ng	98
78)	Pyrene	12.510	202	789307	51.512	ng	99
80)	Butylbenzylphthalate	13.133	149	303977	51.591	ng	100
81)	Benzo(a)anthracene	13.698	228	582478	48.670	ng	99
82)	3,3'-Dichlorobenzidine	13.662	252	164132	47.460	ng	99
83)	Chrysene	13.733	228	552669	48.706	ng	100
84)	Bis(2-ethylhexyl)phtha...	13.686	149	351024	49.142	ng	99
85)	Di-n-octyl phthalate	14.298	149	453294	41.436	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.374	276	565395	51.475	ng	100
88)	Benzo(b)fluoranthene	14.704	252	467358	50.293	ng	100
89)	Benzo(k)fluoranthene	14.727	252	465842	49.233	ng	99
90)	Benzo(a)pyrene	15.027	252	388089	50.179	ng	98
91)	Dibenzo(a,h)anthracene	16.374	278	468708	52.059	ng	99
92)	Benzo(g,h,i)perylene	16.756	276	463187	55.236	ng	99

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

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