Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
Data File : BF131711.D
Acq On : 20 Dec 2022 14:06
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 21 02:12:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 02:06:48 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	88940	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	319473	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	196590	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	376354	20.000	ng	0.00
76) Chrysene-d12	14.068	240	248004	20.000	ng	0.00
86) Perylene-d12	15.557	264	186434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	506772	95.057	ng	0.00
7) Phenol-d6	6.504	99	680817	97.452	ng	0.00
23) Nitrobenzene-d5	7.439	82	760803	90.034	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	210905	96.560	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1310498	84.052	ng	0.00
79) Terphenyl-d14	13.010	244	1554768	85.975	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	117873	48.984	ng	98
3) Pyridine	3.346	79	343595	51.429	ng	99
4) n-Nitrosodimethylamine	3.322	42	156611	42.504	ng	97
6) Aniline	6.534	93	426007	50.987	ng	98
8) 2-Chlorophenol	6.651	128	272015	48.147	ng	98
9) Benzaldehyde	6.416	77	206994	43.251	ng	96
10) Phenol	6.516	94	407296	52.267	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	293348	50.219	ng	100
12) 1,3-Dichlorobenzene	6.804	146	306912	46.855	ng	99
13) 1,4-Dichlorobenzene	6.887	146	314403	47.586	ng	100
14) 1,2-Dichlorobenzene	7.040	146	294661	46.687	ng	99
15) Benzyl Alcohol	7.016	79	308376	48.148	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	371898	49.287	ng	99
17) 2-Methylphenol	7.128	107	258484	50.766	ng	98
18) Hexachloroethane	7.381	117	126936	47.626	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	246481	47.052	ng	98
20) 3+4-Methylphenols	7.281	107	328637	47.387	ng	99
22) Acetophenone	7.287	105	443123	44.261	ng	97
24) Nitrobenzene	7.463	77	388511	45.585	ng	99
25) Isophorone	7.698	82	646217	47.477	ng	99
26) 2-Nitrophenol	7.775	139	154026	52.996	ng	99
27) 2,4-Dimethylphenol	7.810	122	213682	47.967	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	346355	49.190	ng	99
29) 2,4-Dichlorophenol	8.016	162	259782	47.163	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	302485	44.780	ng	100
31) Naphthalene	8.181	128	832789	46.282	ng	99
32) Benzoic acid	7.951	122	190784m	59.135	ng	
33) 4-Chloroaniline	8.234	127	328828	48.753	ng	99
34) Hexachlorobutadiene	8.292	225	206436	43.363	ng	99
35) Caprolactam	8.622	113	82104m	57.623	ng	
36) 4-Chloro-3-methylphenol	8.716	107	302534	48.913	ng	99
37) 2-Methylnaphthalene	8.875	142	573276	46.586	ng	99
38) 1-Methylnaphthalene	8.975	142	553636	46.867	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	319933	43.963	ng	99
41) Hexachlorocyclopentadiene	9.022	237	154476	41.821	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	210465	46.757	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	232121	47.951	ng		94
46)	1,1'-Biphenyl	9.339	154	699021	44.972	ng		99
47)	2-Chloronaphthalene	9.369	162	578062	45.646	ng		99
48)	2-Nitroaniline	9.469	65	211156	47.069	ng		96
49)	Acenaphthylene	9.786	152	865313	46.536	ng		100
50)	Dimethylphthalate	9.651	163	716863	47.834	ng		99
51)	2,6-Dinitrotoluene	9.710	165	155145	50.146	ng		92
52)	Acenaphthene	9.957	154	526059	42.231	ng		99
53)	3-Nitroaniline	9.886	138	157294	52.989	ng		95
54)	2,4-Dinitrophenol	9.986	184	97145	62.552	ng		92
55)	Dibenzofuran	10.128	168	811021	46.079	ng		99
56)	4-Nitrophenol	10.045	139	117034	56.753	ng		96
57)	2,4-Dinitrotoluene	10.116	165	213245	51.959	ng		98
58)	Fluorene	10.475	166	658514	46.023	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.245	232	194843m	47.531	ng		
60)	Diethylphthalate	10.345	149	692656	48.163	ng		99
61)	4-Chlorophenyl-phenyle...	10.463	204	350991	44.389	ng		98
62)	4-Nitroaniline	10.510	138	163003	55.413	ng		96
63)	Azobenzene	10.628	77	753877	45.960	ng		98
65)	4,6-Dinitro-2-methylph...	10.528	198	132194	55.457	ng		95
66)	n-Nitrosodiphenylamine	10.586	169	562699	46.247	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	215333	44.476	ng		98
68)	Hexachlorobenzene	11.022	284	235796	45.026	ng	#	91
69)	Atrazine	11.116	200	182765	47.302	ng		99
70)	Pentachlorophenol	11.216	266	133806	49.631	ng		98
71)	Phenanthrene	11.439	178	994758	47.420	ng		99
72)	Anthracene	11.492	178	971568	47.604	ng		99
73)	Carbazole	11.651	167	834097	50.069	ng		100
74)	Di-n-butylphthalate	11.974	149	1065821	52.150	ng		100
75)	Fluoranthene	12.633	202	1093004	50.599	ng		98
77)	Benzidine	12.757	184	129965	19.558	ng		98
78)	Pyrene	12.863	202	1111294	45.443	ng		100
80)	Butylbenzylphthalate	13.480	149	401373	56.715	ng		96
81)	Benzo(a)anthracene	14.057	228	868335	48.484	ng		100
82)	3,3'-Dichlorobenzidine	14.021	252	232533	45.634	ng		99
83)	Chrysene	14.098	228	819253	48.115	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	487325	56.871	ng		99
85)	Di-n-octyl phthalate	14.657	149	670472	46.449	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.074	276	644696	42.372	ng		99
88)	Benzo(b)fluoranthene	15.121	252	628806	51.174	ng		100
89)	Benzo(k)fluoranthene	15.151	252	654266m	51.014	ng		
90)	Benzo(a)pyrene	15.498	252	517069	49.309	ng		99
91)	Dibenzo(a,h)anthracene	17.092	278	537464	42.921	ng		100
92)	Benzo(g,h,i)perylene	17.533	276	534620	42.480	ng		98

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

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