Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122422\
Data File : BF131825.D
Acq On : 24 Dec 2022 15:05
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 26 04:38:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 04:31:10 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	78191	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	266833	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	157871	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	308979	20.000	ng		0.00
76) Chrysene-d12	14.039	240	224925	20.000	ng		0.00
86) Perylene-d12	15.521	264	145477	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	449234	95.849	ng		0.00
7) Phenol-d6	6.475	99	589364	95.959	ng		0.00
23) Nitrobenzene-d5	7.410	82	639757	90.645	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	170906	97.438	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1093968	87.372	ng		0.00
79) Terphenyl-d14	12.980	244	1346152	82.077	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	105401	49.822	ng		99
3) Pyridine	3.275	79	295229	50.264	ng		98
4) n-Nitrosodimethylamine	3.257	42	138934	42.890	ng		99
6) Aniline	6.504	93	362691	49.377	ng		100
8) 2-Chlorophenol	6.622	128	234060	47.124	ng		94
9) Benzaldehyde	6.387	77	176839	42.030	ng		96
10) Phenol	6.487	94	350178	51.115	ng		95
11) bis(2-Chloroethyl)ether	6.575	93	252143	49.099	ng		97
12) 1,3-Dichlorobenzene	6.775	146	268459	46.619	ng		97
13) 1,4-Dichlorobenzene	6.857	146	272612	46.933	ng		96
14) 1,2-Dichlorobenzene	7.010	146	255221	45.997	ng		99
15) Benzyl Alcohol	6.987	79	261864	46.506	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	320109	48.255	ng		98
17) 2-Methylphenol	7.098	107	216844	48.442	ng		99
18) Hexachloroethane	7.351	117	110921	47.339	ng		90
19) n-Nitroso-di-n-propyla...	7.263	70	206458	44.829	ng		97
20) 3+4-Methylphenols	7.251	107	282221	46.288	ng	#	88
22) Acetophenone	7.257	105	371690	44.450	ng		94
24) Nitrobenzene	7.428	77	324386	45.570	ng		98
25) Isophorone	7.669	82	531828	46.781	ng		99
26) 2-Nitrophenol	7.745	139	127554	52.545	ng		97
27) 2,4-Dimethylphenol	7.781	122	182342	49.007	ng		97
28) bis(2-Chloroethoxy)met...	7.881	93	287180	48.832	ng		100
29) 2,4-Dichlorophenol	7.986	162	218269	47.444	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	254663	45.138	ng		99
31) Naphthalene	8.151	128	699610	46.551	ng		99
32) Benzoic acid	7.922	122	143197	53.141	ng		91
33) 4-Chloroaniline	8.204	127	271616	48.215	ng		99
34) Hexachlorobutadiene	8.263	225	175044	44.022	ng		99
35) Caprolactam	8.592	113	66262m	55.678	ng		
36) 4-Chloro-3-methylphenol	8.692	107	244444	47.317	ng		95
37) 2-Methylnaphthalene	8.845	142	474846	46.200	ng		99
38) 1-Methylnaphthalene	8.945	142	461131	46.737	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	263370	45.066	ng		100
41) Hexachlorocyclopentadiene	8.992	237	111191	37.485	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	171781	47.523	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.169	196	185322	47.672	ng		95
46)	1,1'-Biphenyl	9.316	154	575901	46.138	ng		98
47)	2-Chloronaphthalene	9.339	162	477901	46.992	ng		99
48)	2-Nitroaniline	9.439	65	178406	49.522	ng		97
49)	Acenaphthylene	9.757	152	710130	47.557	ng		100
50)	Dimethylphthalate	9.622	163	573136	47.623	ng		98
51)	2,6-Dinitrotoluene	9.686	165	129073	51.951	ng	#	85
52)	Acenaphthene	9.928	154	430767	43.063	ng		99
53)	3-Nitroaniline	9.857	138	129807	54.454	ng		99
54)	2,4-Dinitrophenol	9.963	184	76157	61.065	ng	#	84
55)	Dibenzofuran	10.098	168	657359	46.509	ng		98
56)	4-Nitrophenol	10.016	139	92078	55.602	ng		87
57)	2,4-Dinitrotoluene	10.092	165	174026	52.802	ng		94
58)	Fluorene	10.445	166	539737	46.973	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.216	232	154310m	46.876	ng		
60)	Diethylphthalate	10.316	149	560052	48.494	ng		99
61)	4-Chlorophenyl-phenyle...	10.433	204	286475	45.115	ng		100
62)	4-Nitroaniline	10.475	138	134905	57.109	ng		98
63)	Azobenzene	10.598	77	611358	46.412	ng		99
65)	4,6-Dinitro-2-methylph...	10.498	198	110113	56.267	ng		81
66)	n-Nitrosodiphenylamine	10.557	169	454150	45.465	ng		98
67)	4-Bromophenyl-phenylether	10.927	248	172497	43.398	ng		95
68)	Hexachlorobenzene	10.992	284	188848	43.925	ng		93
69)	Atrazine	11.086	200	147160	46.392	ng		99
70)	Pentachlorophenol	11.186	266	103814	46.903	ng		98
71)	Phenanthrene	11.410	178	809864	47.024	ng		99
72)	Anthracene	11.463	178	796605	47.543	ng		99
73)	Carbazole	11.621	167	702362	51.355	ng		99
74)	Di-n-butylphthalate	11.951	149	858377	51.159	ng		99
75)	Fluoranthene	12.604	202	950185	53.579	ng		99
77)	Benzidine	12.727	184	101302	16.809	ng		100
78)	Pyrene	12.833	202	952790	42.959	ng		99
80)	Butylbenzylphthalate	13.457	149	355932	55.455	ng		97
81)	Benzo(a)anthracene	14.027	228	794079	48.887	ng		98
82)	3,3'-Dichlorobenzidine	13.992	252	216328	46.810	ng		99
83)	Chrysene	14.068	228	729150	47.217	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	416247	53.560	ng	#	98
85)	Di-n-octyl phthalate	14.627	149	531356	40.588	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.027	276	518117	43.640	ng		100
88)	Benzo(b)fluoranthene	15.086	252	528857	55.157	ng		99
89)	Benzo(k)fluoranthene	15.121	252	507432	50.704	ng		100
90)	Benzo(a)pyrene	15.462	252	410574	50.177	ng		98
91)	Dibenzo(a,h)anthracene	17.045	278	415083	42.480	ng		99
92)	Benzo(g,h,i)perylene	17.480	276	434375	44.232	ng		97

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

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