Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
Data File : BF128142.D
Acq On : 09 May 2022 12:00
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 09 14:08:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 14:06:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	95485	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	370547	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	215638	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	412779	20.000	ng		0.00
76) Chrysene-d12	14.074	240	353321	20.000	ng		0.00
86) Perylene-d12	15.574	264	318053	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	66339	11.066	ng		0.00
7) Phenol-d6	6.510	99	87723	11.277	ng		-0.02
23) Nitrobenzene-d5	7.451	82	86248	10.945	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	25289	11.650	ng		-0.01
45) 2-Fluorobiphenyl	9.251	172	158234	12.414	ng		0.00
79) Terphenyl-d14	13.010	244	200437	10.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	13867	4.848	ng		95
3) Pyridine	3.493	79	35999	4.912	ng		97
4) n-Nitrosodimethylamine	3.428	42	17287	4.873	ng		87
6) Aniline	6.551	93	46821	5.066	ng		98
8) 2-Chlorophenol	6.675	128	33411	5.370	ng		98
9) Benzaldehyde	6.445	77	29261	6.081	ng		99
10) Phenol	6.528	94	44884	5.721	ng		97
11) bis(2-Chloroethyl)ether	6.622	93	34140	5.246	ng		99
12) 1,3-Dichlorobenzene	6.834	146	37359	5.216	ng		96
13) 1,4-Dichlorobenzene	6.910	146	37532	5.250	ng		98
14) 1,2-Dichlorobenzene	7.063	146	37228	5.625	ng		99
15) Benzyl Alcohol	7.028	79	33555	6.343	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	48845	4.911	ng		100
17) 2-Methylphenol	7.139	107	28415	5.293	ng		98
18) Hexachloroethane	7.404	117	14468	5.505	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	26067	5.474	ng		98
20) 3+4-Methylphenols	7.292	107	36194	5.581	ng	#	79
22) Acetophenone	7.298	105	50041	5.541	ng	#	95
24) Nitrobenzene	7.469	77	38764	5.105	ng		97
25) Isophorone	7.710	82	64840	4.889	ng		99
26) 2-Nitrophenol	7.792	139	16807	5.194	ng		93
27) 2,4-Dimethylphenol	7.822	122	26327	4.899	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	42018	4.944	ng		99
29) 2,4-Dichlorophenol	8.033	162	27103	4.814	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	32257	5.044	ng		98
31) Naphthalene	8.198	128	96922	5.136	ng		99
33) 4-Chloroaniline	8.245	127	37606	5.036	ng		98
34) Hexachlorobutadiene	8.310	225	21521	5.342	ng		100
35) Caprolactam	8.581	113	8818	4.852	ng		94
36) 4-Chloro-3-methylphenol	8.722	107	30605	5.090	ng		99
37) 2-Methylnaphthalene	8.886	142	66231	5.310	ng		98
38) 1-Methylnaphthalene	8.986	142	63196	5.213	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	33908	5.335	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	20544	4.912	ng		98
44) 2,4,5-Trichlorophenol	9.204	196	22541	4.958	ng		92
46) 1,1'-Biphenyl	9.351	154	84679	5.301	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.380	162	62439	5.135	ng		96
48) 2-Nitroaniline	9.475	65	19894	4.837	ng		94
49) Acenaphthylene	9.792	152	94445	5.078	ng		98
50) Dimethylphthalate	9.645	163	72846	5.037	ng		98
51) 2,6-Dinitrotoluene	9.716	165	15798	5.045	ng		96
52) Acenaphthene	9.969	154	63904m	5.110	ng		
53) 3-Nitroaniline	9.886	138	16770	4.823	ng	#	98
55) Dibenzofuran	10.139	168	96328	5.339	ng		98
56) 4-Nitrophenol	10.045	139	10506	3.957	ng		95
57) 2,4-Dinitrotoluene	10.122	165	20437	4.927	ng		93
58) Fluorene	10.480	166	75403	5.601	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	19010	4.972	ng		99
60) Diethylphthalate	10.345	149	74139	5.228	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	37034	5.536	ng		97
62) 4-Nitroaniline	10.492	138	17117	5.035	ng		92
63) Azobenzene	10.633	77	80767	5.176	ng		95
65) 4,6-Dinitro-2-methylph...	10.527	198	10609	4.325	ng		92
66) n-Nitrosodiphenylamine	10.592	169	64818	5.047	ng		98
67) 4-Bromophenyl-phenylether	10.963	248	23460	5.127	ng		96
68) Hexachlorobenzene	11.027	284	25269	5.241	ng		99
69) Atrazine	11.116	200	22081	5.560	ng		95
70) Pentachlorophenol	11.227	266	8806	3.105	ng		97
71) Phenanthrene	11.451	178	111933	5.180	ng		99
72) Anthracene	11.498	178	112406	5.222	ng		100
73) Carbazole	11.657	167	106973	5.157	ng		98
74) Di-n-butylphthalate	11.980	149	119994	5.144	ng		98
75) Fluoranthene	12.639	202	122890	5.404	ng		98
78) Pyrene	12.868	202	128471	4.504	ng		98
80) Butylbenzylphthalate	13.480	149	50595	4.526	ng		98
81) Benzo(a)anthracene	14.063	228	117105	4.973	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	28699	3.838	ng		93
83) Chrysene	14.098	228	114178	5.077	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	70241	4.738	ng		100
85) Di-n-octyl phthalate	14.657	149	112797	4.910	ng		99
87) Indeno(1,2,3-cd)pyrene	17.086	276	96800	4.560	ng		97
88) Benzo(b)fluoranthene	15.127	252	97061	4.859	ng		99
89) Benzo(k)fluoranthene	15.157	252	99352	4.937	ng		99
90) Benzo(a)pyrene	15.504	252	79279	4.784	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	76581	4.498	ng		98
92) Benzo(g,h,i)perylene	17.545	276	76916	4.287	ng		97

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

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