Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120522\
Data File : BF131504.D
Acq On : 05 Dec 2022 16:34
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 06 00:26:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:24:35 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	90689	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	368906	20.000	ng		0.00
39) Acenaphthene-d10	9.974	164	217822	20.000	ng		0.00
64) Phenanthrene-d10	11.468	188	403166	20.000	ng		0.00
76) Chrysene-d12	14.127	240	347952	20.000	ng		0.00
86) Perylene-d12	15.645	264	233212	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	52360	10.988	ng		0.00
7) Phenol-d6	6.534	99	68056	11.194	ng		-0.01
23) Nitrobenzene-d5	7.481	82	75160	10.270	ng		-0.01
42) 2,4,6-Tribromophenol	10.763	330	19717	10.759	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	161245	10.769	ng		0.00
79) Terphenyl-d14	13.057	244	169356	7.959	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	12240	5.388	ng		98
3) Pyridine	3.487	79	34995	5.548	ng		98
4) n-Nitrosodimethylamine	3.428	42	17535	4.714	ng	#	98
6) Aniline	6.575	93	44498m	5.585	ng		
8) 2-Chlorophenol	6.698	128	28094	5.204	ng		99
10) Phenol	6.545	94	38279	5.679	ng		99
11) bis(2-Chloroethyl)ether	6.651	93	29258	5.181	ng		99
12) 1,3-Dichlorobenzene	6.857	146	33512	5.209	ng		93
13) 1,4-Dichlorobenzene	6.939	146	34808	5.324	ng		95
14) 1,2-Dichlorobenzene	7.092	146	33364	5.543	ng		99
15) Benzyl Alcohol	7.057	79	27586	5.534	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	30722	2.844	ng		95
17) 2-Methylphenol	7.163	107	24551	5.336	ng		98
18) Hexachloroethane	7.433	117	12856	5.497	ng		90
19) n-Nitroso-di-n-propyla...	7.322	70	25043	5.627	ng		98
20) 3+4-Methylphenols	7.316	107	32906	5.601	ng		89
22) Acetophenone	7.328	105	46650	4.968	ng	#	95
24) Nitrobenzene	7.498	77	38969	5.111	ng		97
25) Isophorone	7.739	82	59961	4.592	ng		99
26) 2-Nitrophenol	7.822	139	11348	5.563	ng		96
27) 2,4-Dimethylphenol	7.851	122	22100	4.366	ng		96
28) bis(2-Chloroethoxy)met...	7.951	93	33083	4.461	ng		98
29) 2,4-Dichlorophenol	8.057	162	24715	4.502	ng		92
30) 1,2,4-Trichlorobenzene	8.151	180	31978	4.702	ng		96
31) Naphthalene	8.233	128	101451	5.161	ng		100
33) 4-Chloroaniline	8.280	127	38170	4.922	ng		98
34) Hexachlorobutadiene	8.345	225	24375	5.535	ng		95
35) Caprolactam	8.610	113	7400	5.129	ng		96
36) 4-Chloro-3-methylphenol	8.751	107	29596	5.189	ng		94
37) 2-Methylnaphthalene	8.927	142	70219	5.272	ng		98
38) 1-Methylnaphthalene	9.027	142	66247	5.129	ng		96
40) 1,2,4,5-Tetrachloroben...	9.092	216	39101	5.532	ng		99
41) Hexachlorocyclopentadiene	9.075	237	13209	4.157	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	20777	5.181	ng		97
44) 2,4,5-Trichlorophenol	9.239	196	23247	5.156	ng		95
46) 1,1'-Biphenyl	9.392	154	85424	5.139	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.416	162	69693	5.227	ng		97
48) 2-Nitroaniline	9.510	65	18046	4.457	ng	#	79
49) Acenaphthylene	9.833	152	101767	5.007	ng		98
50) Dimethylphthalate	9.686	163	75879	5.000	ng		98
51) 2,6-Dinitrotoluene	9.751	165	15261	5.028	ng		95
52) Acenaphthene	10.010	154	63716	5.006	ng		97
53) 3-Nitroaniline	9.922	138	16489	5.287	ng		99
55) Dibenzofuran	10.180	168	94065	5.137	ng		99
56) 4-Nitrophenol	10.074	139	10303	4.760	ng		85
57) 2,4-Dinitrotoluene	10.157	165	18095	4.738	ng	#	83
58) Fluorene	10.521	166	76348	5.342	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	17878m	4.761	ng		
60) Diethylphthalate	10.392	149	68834	4.803	ng		99
61) 4-Chlorophenyl-phenyle...	10.516	204	39897	5.446	ng		98
62) 4-Nitroaniline	10.533	138	14815	4.773	ng		96
63) Azobenzene	10.674	77	79122	5.135	ng		98
65) 4,6-Dinitro-2-methylph...	10.563	198	7686	4.844	ng		93
66) n-Nitrosodiphenylamine	10.633	169	62654	4.877	ng		99
67) 4-Bromophenyl-phenylether	11.010	248	23379	4.731	ng		95
68) Hexachlorobenzene	11.069	284	25676	4.896	ng		99
69) Atrazine	11.157	200	18215	4.605	ng		97
71) Phenanthrene	11.492	178	108073	4.960	ng		99
72) Anthracene	11.545	178	105148	4.910	ng		99
73) Carbazole	11.698	167	92664	5.073	ng		100
74) Di-n-butylphthalate	12.027	149	95883	4.455	ng		100
75) Fluoranthene	12.686	202	125195	5.453	ng		98
78) Pyrene	12.921	202	133075	4.335	ng		98
80) Butylbenzylphthalate	13.539	149	29075	3.287	ng		95
81) Benzo(a)anthracene	14.115	228	114908	4.818	ng		97
82) 3,3'-Dichlorobenzidine	14.074	252	29432	4.650	ng	#	93
83) Chrysene	14.151	228	112550	4.810	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	36881	3.089	ng		97
85) Di-n-octyl phthalate	14.721	149	44539	2.474	ng		100
87) Indeno(1,2,3-cd)pyrene	17.186	276	52764	3.369	ng		98
88) Benzo(b)fluoranthene	15.192	252	68752	4.438	ng		98
89) Benzo(k)fluoranthene	15.221	252	83307m	5.232	ng		
90) Benzo(a)pyrene	15.580	252	56332	4.431	ng		97
91) Dibenzo(a,h)anthracene	17.215	278	40064	3.098	ng		98
92) Benzo(g,h,i)perylene	17.662	276	47363	3.670	ng		96

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

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