Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
Data File : BF133955.D
Acq On : 26 Jun 2023 16:27
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 26 23:01:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 22:39:13 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	115018	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	433219	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	225696	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	462736	20.000	ng	0.00
76) Chrysene-d12	14.039	240	329954	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	255445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	149629	21.761	ng	0.00
7) Phenol-d6	6.481	99	186893	22.102	ng	-0.01
23) Nitrobenzene-d5	7.410	82	172588	21.475	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	61894	21.872	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	355296	22.888	ng	0.00
79) Terphenyl-d14	12.974	244	409529	19.976	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	30644	10.809	ng	98
3) Pyridine	3.428	79	70709m	9.543	ng	
4) n-Nitrosodimethylamine	3.363	42	42964	10.186	ng	95
6) Aniline	6.516	93	107910	10.487	ng	99
8) 2-Chlorophenol	6.634	128	76330	10.936	ng	96
9) Benzaldehyde	6.404	77	60819	10.332	ng	97
10) Phenol	6.492	94	97910	11.012	ng	92
11) bis(2-Chloroethyl)ether	6.587	93	69384	10.600	ng	98
12) 1,3-Dichlorobenzene	6.792	146	80546	10.824	ng	95
13) 1,4-Dichlorobenzene	6.869	146	81647	10.863	ng	98
14) 1,2-Dichlorobenzene	7.016	146	78614	11.168	ng	99
15) Benzyl Alcohol	6.987	79	70749	10.853	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	124778	10.775	ng	99
17) 2-Methylphenol	7.098	107	67257	10.761	ng	97
18) Hexachloroethane	7.357	117	29862	10.715	ng	92
19) n-Nitroso-di-n-propyla...	7.251	70	57315	10.688	ng	96
20) 3+4-Methylphenols	7.251	107	85405	11.263	ng	93
22) Acetophenone	7.257	105	110216	11.187	ng	91
24) Nitrobenzene	7.428	77	86666	10.672	ng	98
25) Isophorone	7.663	82	154957	10.609	ng	97
26) 2-Nitrophenol	7.745	139	38671	9.926	ng	99
27) 2,4-Dimethylphenol	7.781	122	65552	10.630	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	91385	10.805	ng	98
29) 2,4-Dichlorophenol	7.986	162	63280	10.348	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	66698	10.570	ng	99
31) Naphthalene	8.151	128	229194	10.953	ng	99
32) Benzoic acid	7.857	122	42813m	9.448	ng	
33) 4-Chloroaniline	8.198	127	95434	10.661	ng	98
34) Hexachlorobutadiene	8.263	225	42823	10.759	ng	98
35) Caprolactam	8.545	113	20717	10.289	ng	95
36) 4-Chloro-3-methylphenol	8.681	107	74047	10.779	ng	98
37) 2-Methylnaphthalene	8.839	142	163384	11.041	ng	99
38) 1-Methylnaphthalene	8.939	142	150805	10.962	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	72086	10.781	ng	98
41) Hexachlorocyclopentadiene	8.992	237	24190	7.626	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	48848	10.731	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.163	196	56748	10.599	ng		92
46)	1,1'-Biphenyl	9.304	154	199440	11.016	ng		99
47)	2-Chloronaphthalene	9.333	162	144971	10.944	ng		99
48)	2-Nitroaniline	9.428	65	50073	10.372	ng		95
49)	Acenaphthylene	9.751	152	248894	10.999	ng		99
50)	Dimethylphthalate	9.604	163	178405	10.889	ng		100
51)	2,6-Dinitrotoluene	9.669	165	36413	10.319	ng	#	87
52)	Acenaphthene	9.922	154	144359	10.994	ng		98
53)	3-Nitroaniline	9.839	138	43919	10.375	ng		96
54)	2,4-Dinitrophenol	9.951	184	13763	10.291	ng		93
55)	Dibenzofuran	10.092	168	227438	11.084	ng		98
56)	4-Nitrophenol	10.004	139	29605	9.998	ng		94
57)	2,4-Dinitrotoluene	10.075	165	49535	10.630	ng	#	96
58)	Fluorene	10.439	166	181843	11.390	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.210	232	45223	10.708	ng		98
60)	Diethylphthalate	10.310	149	190935	11.186	ng		99
61)	4-Chlorophenyl-phenyle...	10.427	204	86530	11.247	ng		98
62)	4-Nitroaniline	10.451	138	44729	10.484	ng		99
63)	Azobenzene	10.592	77	175363	10.861	ng		99
65)	4,6-Dinitro-2-methylph...	10.486	198	23666	9.381	ng		93
66)	n-Nitrosodiphenylamine	10.551	169	157392	10.646	ng		99
67)	4-Bromophenyl-phenylether	10.922	248	51327	10.436	ng		91
68)	Hexachlorobenzene	10.986	284	54558	10.448	ng		94
69)	Atrazine	11.074	200	46459	11.361	ng		97
70)	Pentachlorophenol	11.186	266	31164	9.981	ng		96
71)	Phenanthrene	11.404	178	255770	10.980	ng		100
72)	Anthracene	11.457	178	265019	10.938	ng		98
73)	Carbazole	11.616	167	246550	11.117	ng		100
74)	Di-n-butylphthalate	11.945	149	292473	11.090	ng		100
75)	Fluoranthene	12.604	202	288393	11.451	ng		97
77)	Benzidine	12.727	184	96239	12.258	ng		99
78)	Pyrene	12.833	202	295311	9.617	ng		99
80)	Butylbenzylphthalate	13.457	149	115832	10.058	ng		97
81)	Benzo(a)anthracene	14.027	228	241184	10.540	ng		98
82)	3,3'-Dichlorobenzidine	13.992	252	80099	11.048	ng		98
83)	Chrysene	14.068	228	231651	10.452	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.021	149	137185	10.367	ng		98
85)	Di-n-octyl phthalate	14.639	149	185488	9.539	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.080	276	150950	8.516	ng		98
88)	Benzo(b)fluoranthene	15.098	252	167852	11.175	ng		97
89)	Benzo(k)fluoranthene	15.127	252	174382	11.403	ng		98
90)	Benzo(a)pyrene	15.474	252	153113	10.542	ng		98
91)	Dibenzo(a,h)anthracene	17.098	278	127104	8.779	ng		98
92)	Benzo(g,h,i)perylene	17.551	276	125066	8.377	ng		98

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

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