Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051421\
Data File : BF123928.D
Acq On : 14 May 2021 16:41
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
5/17/2021 11:20:21 AM

Quant Time: May 14 17:08:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 17:05:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	38215	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	133912	20.00	ng		0.00
39) Acenaphthene-d10	9.945	164	72908	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	126479	20.00	ng		0.00
76) Chrysene-d12	14.068	240	87868	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	70609	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	209026	65.49	ng		0.00
7) Phenol-d6	6.522	99	272925	64.52	ng		0.00
23) Nitrobenzene-d5	7.463	82	248006	82.50	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	70604	140.58	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	455397	98.38	ng		0.00
79) Terphenyl-d14	13.015	244	463940	95.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	45701	25.13	ng		93
3) Pyridine	3.440	79	121952	28.99	ng		98
4) n-Nitrosodimethylamine	3.398	42	76721	44.49	ng		93
6) Aniline	6.563	93	157244	33.02	ng		95
8) 2-Chlorophenol	6.686	128	110062	34.69	ng		96
9) Benzaldehyde	6.451	77	62327	32.09	ng		96
10) Phenol	6.534	94	135961	30.76	ng		96
11) bis(2-Chloroethyl)ether	6.634	93	106463	31.98	ng		98
12) 1,3-Dichlorobenzene	6.845	146	125166	40.12	ng		94
13) 1,4-Dichlorobenzene	6.922	146	130619	41.61	ng		93
14) 1,2-Dichlorobenzene	7.075	146	121180	41.36	ng		95
15) Benzyl Alcohol	7.039	79	123051	46.65	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.181	45	218124	39.37	ng		99
17) 2-Methylphenol	7.145	107	89980	33.35	ng		94
18) Hexachloroethane	7.416	117	46696	35.70	ng		92
19) n-Nitroso-di-n-propyla...	7.316	70	93272	38.07	ng		99
20) 3+4-Methylphenols	7.298	107	115741	34.70	ng	#	82
22) Acetophenone	7.310	105	149837	40.23	ng	#	98
24) Nitrobenzene	7.481	77	128834	41.09	ng		95
25) Isophorone	7.722	82	238611	41.47	ng		97
26) 2-Nitrophenol	7.798	139	47995	35.24	ng		94
27) 2,4-Dimethylphenol	7.828	122	91778	41.03	ng		93
28) bis(2-Chloroethoxy)met...	7.933	93	118699	36.32	ng		96
29) 2,4-Dichlorophenol	8.033	162	93826	46.58	ng		95
30) 1,2,4-Trichlorobenzene	8.128	180	101278	50.96	ng		99
31) Naphthalene	8.210	128	315631	41.32	ng		99
32) Benzoic acid	7.933	122	46576	42.81	ng		96
33) 4-Chloroaniline	8.251	127	115419	38.49	ng		97
34) Hexachlorobutadiene	8.328	225	66957	66.33	ng		99
35) Caprolactam	8.616	113	25610	36.65	ng	#	88
36) 4-Chloro-3-methylphenol	8.722	107	101274	42.46	ng		95
37) 2-Methylnaphthalene	8.898	142	212039	46.64	ng		99
38) 1-Methylnaphthalene	8.998	142	200828	46.36	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	98984	54.42	ng		99
41) Hexachlorocyclopentadiene	9.057	237	63880	148.47	ng		91
43) 2,4,6-Trichlorophenol	9.169	196	66365	52.96	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	70076	52.61	ng		98
46) 1,1'-Biphenyl	9.363	154	247490	39.21	ng		97
47) 2-Chloronaphthalene	9.386	162	193267	42.21	ng		97
48) 2-Nitroaniline	9.475	65	70071	40.83	ng		89
49) Acenaphthylene	9.804	152	293292	42.54	ng		100
50) Dimethylphthalate	9.663	163	221628	43.84	ng		99
51) 2,6-Dinitrotoluene	9.722	165	48785	42.17	ng		86
52) Acenaphthene	9.975	154	199685	43.76	ng		96
53) 3-Nitroaniline	9.886	138	48072	32.39	ng		96
54) 2,4-Dinitrophenol	9.986	184	20389	44.08	ng	#	58
55) Dibenzofuran	10.145	168	282671	44.29	ng		98
56) 4-Nitrophenol	10.027	139	39592	45.91	ng		91
57) 2,4-Dinitrotoluene	10.122	165	56866	37.46	ng	#	96
58) Fluorene	10.492	166	216389	45.68	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.263	232	57664	58.09	ng		91
60) Diethylphthalate	10.363	149	223044	44.65	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	110107	54.21	ng		99
62) 4-Nitroaniline	10.498	138	48331	34.16	ng		90
63) Azobenzene	10.645	77	249301	39.16	ng		95
65) 4,6-Dinitro-2-methylph...	10.527	198	30105	35.85	ng		80
66) n-Nitrosodiphenylamine	10.598	169	186438	41.19	ng		96
67) 4-Bromophenyl-phenylether	10.974	248	64625	50.75	ng		98
68) Hexachlorobenzene	11.039	284	70014	58.10	ng		93
69) Atrazine	11.122	200	54673	40.53	ng		96
70) Pentachlorophenol	11.227	266	43009	84.86	ng		98
71) Phenanthrene	11.451	178	312818	40.71	ng		99
72) Anthracene	11.504	178	308039	40.12	ng		98
73) Carbazole	11.657	167	273839	38.50	ng		99
74) Di-n-butylphthalate	11.992	149	344697	40.53	ng		97
75) Fluoranthene	12.639	202	312953	45.25	ng		98
77) Benzidine	12.757	184	87811m	32.41	ng		
78) Pyrene	12.868	202	311455	37.90	ng		99
80) Butylbenzylphthalate	13.486	149	121216	32.00	ng		91
81) Benzo(a)anthracene	14.057	228	243992	41.60	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	74316	40.77	ng	#	99
83) Chrysene	14.098	228	233373	38.27	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	170157	34.22	ng		98
85) Di-n-octyl phthalate	14.668	149	260062	30.52	ng		100
87) Indeno(1,2,3-cd)pyrene	17.056	276	207524	44.58	ng	#	95
88) Benzo(b)fluoranthene	15.115	252	218201	41.68	ng	#	95
89) Benzo(k)fluoranthene	15.151	252	195418	40.94	ng		99
90) Benzo(a)pyrene	15.492	252	183538	40.37	ng	#	97
91) Dibenzo(a,h)anthracene	17.074	278	176636	44.91	ng		96
92) Benzo(g,h,i)perylene	17.509	276	170977	42.35	ng	#	93

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

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