Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051121\
Data File : BF123910.D
Acq On : 11 May 2021 14:50
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
5/12/2021 2:05:53 PM

Quant Time: May 11 16:31:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 16:27:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	193937	20.00	ng		0.00
21) Naphthalene-d8	8.045	136	809315	20.00	ng		# 0.00
39) Acenaphthene-d10	9.798	164	388022	20.00	ng		0.00
64) Phenanthrene-d10	11.286	188	650117	20.00	ng		# 0.00
76) Chrysene-d12	13.927	240	430744	20.00	ng		# 0.00
86) Perylene-d12	15.362	264	311949	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	439317	33.08	ng		0.00
7) Phenol-d6	6.398	99	624699	35.25	ng		-0.01
23) Nitrobenzene-d5	7.322	82	423816	21.74	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	68306	11.95	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	637168	20.49	ng		0.00
79) Terphenyl-d14	12.868	244	577308	21.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	117136	17.74	ng	#	72
3) Pyridine	3.193	79	272509	19.19	ng	#	63
4) n-Nitrosodimethylamine	3.122	42	111114	10.00	ng	#	64
6) Aniline	6.416	93	321343	16.65	ng	#	80
8) 2-Chlorophenol	6.545	128	194107	14.00	ng		91
9) Benzaldehyde	6.304	77	150750	19.74	ng		98
10) Phenol	6.410	94	319954	17.01	ng		91
11) bis(2-Chloroethyl)ether	6.492	93	205776	16.42	ng	#	82
12) 1,3-Dichlorobenzene	6.698	146	190609m	13.28	ng		
13) 1,4-Dichlorobenzene	6.775	146	194836	13.57	ng		98
14) 1,2-Dichlorobenzene	6.928	146	179409	12.95	ng		98
15) Benzyl Alcohol	6.904	79	160394	11.19	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.039	45	320743	11.57	ng		90
17) 2-Methylphenol	7.022	107	160388	13.83	ng		95
18) Hexachloroethane	7.269	117	75170	12.75	ng		92
19) n-Nitroso-di-n-propyla...	7.169	70	148594	13.69	ng		91
20) 3+4-Methylphenols	7.175	107	205297	13.49	ng	#	83
22) Acetophenone	7.169	105	272435	11.39	ng	#	88
24) Nitrobenzene	7.339	77	216366	10.86	ng	#	95
25) Isophorone	7.580	82	398680	11.88	ng		97
26) 2-Nitrophenol	7.657	139	91592	11.51	ng	#	85
27) 2,4-Dimethylphenol	7.704	122	154562	12.63	ng		85
28) bis(2-Chloroethoxy)met...	7.792	93	224881	13.87	ng		99
29) 2,4-Dichlorophenol	7.904	162	141187	11.32	ng		98
30) 1,2,4-Trichlorobenzene	7.986	180	138725	10.39	ng		99
31) Naphthalene	8.063	128	556856	12.43	ng		99
32) Benzoic acid	7.798	122	61812	9.01	ng		93
33) 4-Chloroaniline	8.116	127	217494	12.06	ng	#	90
34) Hexachlorobutadiene	8.186	225	73809	8.23	ng		98
35) Caprolactam	8.469	113	49787	12.31	ng	#	42
36) 4-Chloro-3-methylphenol	8.604	107	177406	11.10	ng		94
37) 2-Methylnaphthalene	8.757	142	350137	12.07	ng		97
38) 1-Methylnaphthalene	8.857	142	332336	11.88	ng		99
40) 1,2,4,5-Tetrachloroben...	8.922	216	120206	9.03	ng		99
41) Hexachlorocyclopentadiene	8.910	237	18130	4.48	ng		93
43) 2,4,6-Trichlorophenol	9.039	196	79266	8.76	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	86148	9.50	ng		94
46) 1,1'-Biphenyl	9.222	154	410373	11.90	ng		97
47) 2-Chloronaphthalene	9.245	162	289727	11.03	ng		99
48) 2-Nitroaniline	9.339	65	106806	9.29	ng		91
49) Acenaphthylene	9.657	152	465939	11.09	ng		98
50) Dimethylphthalate	9.522	163	335050	11.38	ng		98
51) 2,6-Dinitrotoluene	9.580	165	74715	11.26	ng		93
52) Acenaphthene	9.833	154	296137	11.62	ng		94
53) 3-Nitroaniline	9.751	138	94033	12.51	ng		99
54) 2,4-Dinitrophenol	9.863	184	23858	7.51	ng		91
55) Dibenzofuran	10.004	168	423465	10.80	ng		98
56) 4-Nitrophenol	9.933	139	52709	10.12	ng	#	66
57) 2,4-Dinitrotoluene	9.986	165	99524	10.89	ng	#	97
58) Fluorene	10.345	166	326554	10.62	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.127	232	63111	8.55	ng		96
60) Diethylphthalate	10.221	149	330221	10.87	ng		96
61) 4-Chlorophenyl-phenyle...	10.339	204	136209	9.40	ng		99
62) 4-Nitroaniline	10.363	138	90852	11.65	ng	#	83
63) Azobenzene	10.498	77	418821	12.37	ng		91
65) 4,6-Dinitro-2-methylph...	10.398	198	48512	12.25	ng	#	70
66) n-Nitrosodiphenylamine	10.457	169	277154	12.86	ng		99
67) 4-Bromophenyl-phenylether	10.827	248	76193	10.95	ng	#	91
68) Hexachlorobenzene	10.892	284	73675	8.83	ng	#	76
69) Atrazine	10.986	200	83028	13.39	ng		99
70) Pentachlorophenol	11.092	266	27301	7.49	ng		95
71) Phenanthrene	11.310	178	475402	12.81	ng		99
72) Anthracene	11.357	178	479148	12.97	ng		98
73) Carbazole	11.516	167	452422	12.52	ng		98
74) Di-n-butylphthalate	11.851	149	541266	14.19	ng		98
75) Fluoranthene	12.492	202	456982	10.93	ng		95
77) Benzidine	12.621	184	107004	11.86	ng		97
78) Pyrene	12.721	202	463928	12.24	ng		97
80) Butylbenzylphthalate	13.345	149	218830	16.37	ng		91
81) Benzo(a)anthracene	13.915	228	345224	12.06	ng		97
82) 3,3'-Dichlorobenzidine	13.874	252	105598	12.99	ng	#	96
83) Chrysene	13.951	228	344410	12.48	ng		98
84) Bis(2-ethylhexyl)phtha...	13.909	149	294503	18.49	ng	#	99
85) Di-n-octyl phthalate	14.521	149	477917	21.71	ng		96
87) Indeno(1,2,3-cd)pyrene	16.774	276	196140	8.84	ng	#	81
88) Benzo(b)fluoranthene	14.945	252	283629	13.20	ng	#	94
89) Benzo(k)fluoranthene	14.974	252	255749	12.90	ng	#	95
90) Benzo(a)pyrene	15.304	252	235923	12.58	ng	#	94
91) Dibenzo(a,h)anthracene	16.786	278	165034	8.92	ng	#	86
92) Benzo(g,h,i)perylene	17.198	276	157056	7.99	ng	#	84

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

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