Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051121\
Data File : BF123914.D
Acq On : 11 May 2021 16:57
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:00 PM

Quant Time: May 11 17:52:51 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	6.763	152	141207	20.00	ng		0.00
21) Naphthalene-d8	8.045	136	538259	20.00	ng		# 0.00
39) Acenaphthene-d10	9.804	164	237327	20.00	ng		0.00
64) Phenanthrene-d10	11.286	188	358563	20.00	ng		# 0.00
76) Chrysene-d12	13.927	240	222067	20.00	ng		# 0.00
86) Perylene-d12	15.362	264	225902	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1144963	118.42	ng		0.00
7) Phenol-d6	6.410	99	1510022	117.01	ng		0.00
23) Nitrobenzene-d5	7.328	82	1297298	100.04	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	177847	50.87	ng		0.00
45) 2-Fluorobiphenyl	9.127	172	1579485	83.05	ng		0.00
79) Terphenyl-d14	12.874	244	1281728	94.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.410	88	387298	80.55	ng	#	72
3) Pyridine	3.134	79	811046	78.45	ng	#	68
4) n-Nitrosodimethylamine	3.093	42	340424	42.09	ng	#	66
6) Aniline	6.428	93	852948	60.71	ng	#	77
8) 2-Chlorophenol	6.551	128	588690	58.32	ng		91
9) Benzaldehyde	6.310	77	356679	64.15	ng		97
10) Phenol	6.422	94	789171	57.62	ng		88
11) bis(2-Chloroethyl)ether	6.504	93	616190	67.54	ng	#	82
12) 1,3-Dichlorobenzene	6.704	146	594538m	56.90	ng		
13) 1,4-Dichlorobenzene	6.781	146	578746	55.34	ng		97
14) 1,2-Dichlorobenzene	6.933	146	531984	52.76	ng		98
15) Benzyl Alcohol	6.910	79	507488	48.61	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	977010	48.41	ng		89
17) 2-Methylphenol	7.028	107	483760	57.28	ng		97
18) Hexachloroethane	7.275	117	244914	57.05	ng		93
19) n-Nitroso-di-n-propyla...	7.181	70	427708	54.12	ng		92
20) 3+4-Methylphenols	7.181	107	563521	50.85	ng		98
22) Acetophenone	7.175	105	766494	48.16	ng		93
24) Nitrobenzene	7.351	77	669416	50.54	ng		94
25) Isophorone	7.586	82	1205304	54.01	ng		99
26) 2-Nitrophenol	7.663	139	292617	55.28	ng		86
27) 2,4-Dimethylphenol	7.710	122	472017	58.00	ng		88
28) bis(2-Chloroethoxy)met...	7.798	93	666294	61.80	ng		99
29) 2,4-Dichlorophenol	7.910	162	422430	50.94	ng		98
30) 1,2,4-Trichlorobenzene	7.986	180	420593	47.35	ng		96
31) Naphthalene	8.069	128	1604684	53.88	ng		99
32) Benzoic acid	7.845	122	284709	62.42	ng		97
33) 4-Chloroaniline	8.122	127	620719	51.76	ng	#	92
34) Hexachlorobutadiene	8.186	225	219888	36.86	ng		98
35) Caprolactam	8.498	113	152629	56.73	ng	#	54
36) 4-Chloro-3-methylphenol	8.610	107	504929	47.51	ng		97
37) 2-Methylnaphthalene	8.757	142	967884	50.15	ng		99
38) 1-Methylnaphthalene	8.857	142	911066	48.96	ng		99
40) 1,2,4,5-Tetrachloroben...	8.927	216	334485	41.09	ng		98
41) Hexachlorocyclopentadiene	8.916	237	113642	45.87	ng		91
43) 2,4,6-Trichlorophenol	9.039	196	231735	41.89	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	240016	43.29	ng		93
46) 1,1'-Biphenyl	9.227	154	1095671	51.94	ng		99
47) 2-Chloronaphthalene	9.251	162	802426	49.92	ng		99
48) 2-Nitroaniline	9.345	65	299494	42.61	ng	#	86
49) Acenaphthylene	9.663	152	1225457	47.70	ng		98
50) Dimethylphthalate	9.527	163	889813	49.41	ng		99
51) 2,6-Dinitrotoluene	9.592	165	201496	49.63	ng	#	80
52) Acenaphthene	9.833	154	793174	50.88	ng		97
53) 3-Nitroaniline	9.763	138	252072	54.84	ng		97
54) 2,4-Dinitrophenol	9.869	184	93275	47.98	ng		90
55) Dibenzofuran	10.010	168	1071090	44.67	ng		99
56) 4-Nitrophenol	9.933	139	156883	49.25	ng	#	80
57) 2,4-Dinitrotoluene	9.992	165	257093	45.99	ng		91
58) Fluorene	10.351	166	790806	42.04	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.127	232	182899	40.49	ng		96
60) Diethylphthalate	10.227	149	834022	44.89	ng		96
61) 4-Chlorophenyl-phenyle...	10.339	204	351291	39.63	ng		94
62) 4-Nitroaniline	10.374	138	242558	50.86	ng		93
63) Azobenzene	10.504	77	1126459	54.41	ng		92
65) 4,6-Dinitro-2-methylph...	10.404	198	144253	66.02	ng		87
66) n-Nitrosodiphenylamine	10.463	169	706581	59.42	ng		99
67) 4-Bromophenyl-phenylether	10.833	248	197183	51.38	ng		93
68) Hexachlorobenzene	10.898	284	193413	42.03	ng	#	82
69) Atrazine	10.992	200	203910	59.63	ng		93
70) Pentachlorophenol	11.098	266	88396	43.97	ng		96
71) Phenanthrene	11.310	178	1155816	56.46	ng		99
72) Anthracene	11.363	178	1158385	56.86	ng		100
73) Carbazole	11.521	167	1087506	54.55	ng		99
74) Di-n-butylphthalate	11.851	149	1265647	60.18	ng		99
75) Fluoranthene	12.498	202	1068575	46.34	ng		96
77) Benzidine	12.621	184	421568	90.61	ng		97
78) Pyrene	12.727	202	1088625	55.73	ng		98
80) Butylbenzylphthalate	13.351	149	503750	73.08	ng		93
81) Benzo(a)anthracene	13.915	228	798996	54.12	ng		98
82) 3,3'-Dichlorobenzidine	13.880	252	247514	59.07	ng	#	95
83) Chrysene	13.957	228	834800	58.67	ng		98
84) Bis(2-ethylhexyl)phtha...	13.910	149	631564	76.93	ng	#	97
85) Di-n-octyl phthalate	14.521	149	1143837	100.80	ng		97
87) Indeno(1,2,3-cd)pyrene	16.792	276	943470	58.69	ng	#	82
88) Benzo(b)fluoranthene	14.951	252	861127	55.34	ng	#	94
89) Benzo(k)fluoranthene	14.980	252	735232	51.21	ng	#	94
90) Benzo(a)pyrene	15.309	252	772938	56.92	ng	#	93
91) Dibenzo(a,h)anthracene	16.809	278	781982	58.35	ng	#	91
92) Benzo(g,h,i)perylene	17.221	276	847589	59.58	ng	#	84

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

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