Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123886.D
Acq On : 10 May 2021 14:38
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
5/11/2021 4:16:01 PM

Quant Time: May 10 15:51:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 14:57:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	111312	20.00	ng		0.00
21) Naphthalene-d8	8.057	136	417797	20.00	ng		0.00
39) Acenaphthene-d10	9.810	164	212097	20.00	ng		0.00
64) Phenanthrene-d10	11.292	188	396996	20.00	ng		0.00
76) Chrysene-d12	13.933	240	229722	20.00	ng		0.00
86) Perylene-d12	15.368	264	274056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	696927	99.19	ng		0.00
7) Phenol-d6	6.422	99	948473	98.00	ng		0.00
23) Nitrobenzene-d5	7.339	82	918832	99.28	ng		0.00
42) 2,4,6-Tribromophenol	10.604	330	239024	90.53	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	1228760	84.37	ng		0.00
79) Terphenyl-d14	12.880	244	1490379	124.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	151879	40.13	ng		94
3) Pyridine	3.181	79	347336	37.55	ng		94
4) n-Nitrosodimethylamine	3.140	42	269498	52.89	ng	#	75
6) Aniline	6.439	93	520030	46.46	ng	#	71
8) 2-Chlorophenol	6.563	128	370485	49.02	ng		99
9) Benzaldehyde	6.322	77	211205	45.08	ng		99
10) Phenol	6.434	94	501789	48.26	ng	#	61
11) bis(2-Chloroethyl)ether	6.510	93	342277	45.09	ng		94
12) 1,3-Dichlorobenzene	6.710	146	379389	49.68	ng		97
13) 1,4-Dichlorobenzene	6.787	146	383673	49.66	ng		99
14) 1,2-Dichlorobenzene	6.945	146	370710	49.41	ng		98
15) Benzyl Alcohol	6.922	79	385087	50.76	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.051	45	735759	45.57	ng		94
17) 2-Methylphenol	7.039	107	316345	49.12	ng		94
18) Hexachloroethane	7.287	117	150143	49.10	ng		96
19) n-Nitroso-di-n-propyla...	7.192	70	285798	47.82	ng		95
20) 3+4-Methylphenols	7.192	107	403213	49.20	ng		98
22) Acetophenone	7.187	105	557562	49.10	ng		92
24) Nitrobenzene	7.357	77	465606	48.30	ng		92
25) Isophorone	7.598	82	768300	44.27	ng		98
26) 2-Nitrophenol	7.675	139	187288	47.60	ng	#	92
27) 2,4-Dimethylphenol	7.716	122	275462	44.57	ng		95
28) bis(2-Chloroethoxy)met...	7.810	93	387228	43.79	ng		98
29) 2,4-Dichlorophenol	7.922	162	312858	51.37	ng		97
30) 1,2,4-Trichlorobenzene	7.998	180	331212	51.89	ng		98
31) Naphthalene	8.081	128	1091375	50.73	ng		99
32) Benzoic acid	7.857	122	193382	49.72	ng		86
33) 4-Chloroaniline	8.133	127	447801	49.88	ng		98
34) Hexachlorobutadiene	8.198	225	222639	57.23	ng		98
35) Caprolactam	8.510	113	98807m	46.20	ng		
36) 4-Chloro-3-methylphenol	8.622	107	383781	50.50	ng		98
37) 2-Methylnaphthalene	8.769	142	720690	51.40	ng		96
38) 1-Methylnaphthalene	8.869	142	676519	51.34	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	277818	44.51	ng		98
41) Hexachlorocyclopentadiene	8.922	237	98142	39.64	ng		100
43) 2,4,6-Trichlorophenol	9.051	196	211228	49.13	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	183953	39.88	ng		93
46) 1,1'-Biphenyl	9.233	154	667604	38.42	ng		99
47) 2-Chloronaphthalene	9.257	162	505581	38.59	ng		95
48) 2-Nitroaniline	9.357	65	233480	40.45	ng		90
49) Acenaphthylene	9.675	152	935543	44.24	ng		98
50) Dimethylphthalate	9.539	163	575932	38.55	ng		99
51) 2,6-Dinitrotoluene	9.598	165	135652	39.28	ng		85
52) Acenaphthene	9.845	154	627114	48.67	ng		99
53) 3-Nitroaniline	9.769	138	195193	47.32	ng		94
54) 2,4-Dinitrophenol	9.880	184	80728	44.01	ng	#	89
55) Dibenzofuran	10.016	168	953994	48.95	ng		98
56) 4-Nitrophenol	9.945	139	143341	47.71	ng		89
57) 2,4-Dinitrotoluene	10.004	165	234985	49.90	ng	#	86
58) Fluorene	10.363	166	748438	49.98	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	176771	48.40	ng		96
60) Diethylphthalate	10.239	149	648305	40.77	ng		98
61) 4-Chlorophenyl-phenyle...	10.351	204	343225	49.18	ng		99
62) 4-Nitroaniline	10.386	138	189588	46.38	ng	#	78
63) Azobenzene	10.510	77	683415	37.39	ng		90
65) 4,6-Dinitro-2-methylph...	10.416	198	124440	50.59	ng		91
66) n-Nitrosodiphenylamine	10.475	169	674287	51.92	ng		98
67) 4-Bromophenyl-phenylether	10.839	248	174618	41.77	ng		94
68) Hexachlorobenzene	10.910	284	211034	44.35	ng		92
69) Atrazine	10.998	200	159861	40.72	ng		98
70) Pentachlorophenol	11.104	266	105580	43.53	ng		100
71) Phenanthrene	11.322	178	1065333	51.16	ng		100
72) Anthracene	11.374	178	1045781	50.51	ng		99
73) Carbazole	11.527	167	1054922	50.41	ng		97
74) Di-n-butylphthalate	11.857	149	1166764	49.66	ng		100
75) Fluoranthene	12.510	202	1294372	56.99	ng		97
77) Benzidine	12.627	184	291145	48.94	ng		98
78) Pyrene	12.739	202	1299274	72.87	ng		98
80) Butylbenzylphthalate	13.357	149	356314	46.77	ng		93
81) Benzo(a)anthracene	13.921	228	708041	50.86	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	199174	46.59	ng		100
83) Chrysene	13.963	228	693930	49.55	ng		99
84) Bis(2-ethylhexyl)phtha...	13.915	149	407682	43.08	ng		98
85) Di-n-octyl phthalate	14.527	149	550481	36.38	ng		99
87) Indeno(1,2,3-cd)pyrene	16.792	276	1044792	65.46	ng		97
88) Benzo(b)fluoranthene	14.957	252	841343	45.56	ng		99
89) Benzo(k)fluoranthene	14.986	252	726959	41.24	ng		98
90) Benzo(a)pyrene	15.315	252	776883	49.19	ng	#	98
91) Dibenzo(a,h)anthracene	16.809	278	865276	64.21	ng		98
92) Benzo(g,h,i)perylene	17.227	276	902974	66.90	ng		97

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

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