Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010721\
Data File : BF122930.D
Acq On : 7 Jan 2021 17:44
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
1/8/2021 4:40:36 PM

Quant Time: Jan 08 00:23:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 17:57:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	183993	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	688756	20.00	ng		# 0.00
39) Acenaphthene-d10	9.963	164	381937	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	702536	20.00	ng		0.00
76) Chrysene-d12	14.110	240	542826	20.00	ng		0.00
86) Perylene-d12	15.592	264	463032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1181609	102.35	ng		0.00
7) Phenol-d6	6.545	99	1615984	108.72	ng		0.00
23) Nitrobenzene-d5	7.486	82	1384158	103.30	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	439794	90.07	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	2406221	87.91	ng		0.00
79) Terphenyl-d14	13.051	244	2785913	87.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	287824	54.30	ng		96
3) Pyridine	3.487	79	761933	57.58	ng		95
4) n-Nitrosodimethylamine	3.457	42	325064	62.51	ng		97
6) Aniline	6.581	93	1002252	59.00	ng		98
8) 2-Chlorophenol	6.704	128	650542	51.92	ng		96
9) Benzaldehyde	6.469	77	356111	44.86	ng		99
10) Phenol	6.557	94	812203	53.28	ng		85
11) bis(2-Chloroethyl)ether	6.657	93	651486	56.83	ng		96
12) 1,3-Dichlorobenzene	6.863	146	744909	49.70	ng		99
13) 1,4-Dichlorobenzene	6.939	146	740863	49.25	ng		99
14) 1,2-Dichlorobenzene	7.092	146	699896	49.77	ng		98
15) Benzyl Alcohol	7.057	79	590605	59.36	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1022289	69.82	ng		96
17) 2-Methylphenol	7.163	107	543764	54.24	ng		98
18) Hexachloroethane	7.439	117	274217	50.81	ng		95
19) n-Nitroso-di-n-propyla...	7.339	70	495389	60.20	ng		98
20) 3+4-Methylphenols	7.322	107	679267	54.50	ng	#	82
22) Acetophenone	7.333	105	889696	52.34	ng	#	93
24) Nitrobenzene	7.504	77	692111	52.80	ng		98
25) Isophorone	7.745	82	1238253	55.93	ng		99
26) 2-Nitrophenol	7.816	139	316769	47.34	ng		99
27) 2,4-Dimethylphenol	7.851	122	531987	56.93	ng		96
28) bis(2-Chloroethoxy)met...	7.951	93	850873	56.14	ng		99
29) 2,4-Dichlorophenol	8.057	162	563169	51.11	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	633511	49.94	ng		100
31) Naphthalene	8.228	128	1856944	49.41	ng		98
32) Benzoic acid	7.975	122	453660m	75.98	ng		
33) 4-Chloroaniline	8.269	127	806054	51.77	ng		98
34) Hexachlorobutadiene	8.345	225	375966	47.83	ng		99
35) Caprolactam	8.651	113	187452	56.58	ng		90
36) 4-Chloro-3-methylphenol	8.745	107	574171	51.98	ng		98
37) 2-Methylnaphthalene	8.922	142	1265806	50.92	ng		97
38) 1-Methylnaphthalene	9.022	142	1207428	51.79	ng		95
40) 1,2,4,5-Tetrachloroben...	9.086	216	607568	48.54	ng		99
41) Hexachlorocyclopentadiene	9.075	237	325675	154.47	ng		96
43) 2,4,6-Trichlorophenol	9.192	196	439341	53.42	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	426693	50.32	ng		98
46) 1,1'-Biphenyl	9.386	154	1500716	47.66	ng		100
47) 2-Chloronaphthalene	9.410	162	1233041	47.12	ng		98
48) 2-Nitroaniline	9.498	65	384110	51.80	ng		86
49) Acenaphthylene	9.827	152	1805784	47.32	ng		98
50) Dimethylphthalate	9.686	163	1389086	45.99	ng		98
51) 2,6-Dinitrotoluene	9.745	165	312427	48.26	ng		94
52) Acenaphthene	10.004	154	1186785	51.37	ng		99
53) 3-Nitroaniline	9.916	138	356589	48.15	ng		95
54) 2,4-Dinitrophenol	10.016	184	122693	51.25	ng	#	90
55) Dibenzofuran	10.175	168	1678209	48.84	ng		97
56) 4-Nitrophenol	10.057	139	274084	66.53	ng		87
57) 2,4-Dinitrotoluene	10.145	165	409239	48.48	ng		96
58) Fluorene	10.516	166	1295768	47.05	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	371787	50.39	ng		95
60) Diethylphthalate	10.386	149	1406409	47.82	ng		98
61) 4-Chlorophenyl-phenyle...	10.510	204	660701	47.85	ng		90
62) 4-Nitroaniline	10.533	138	358348	46.21	ng		97
63) Azobenzene	10.669	77	1363122	52.59	ng		97
65) 4,6-Dinitro-2-methylph...	10.557	198	172651	42.87	ng		96
66) n-Nitrosodiphenylamine	10.627	169	1181363	49.00	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	428327	47.16	ng		97
68) Hexachlorobenzene	11.069	284	467404	46.11	ng		98
69) Atrazine	11.151	200	375488	48.84	ng		99
70) Pentachlorophenol	11.251	266	294220	73.64	ng		99
71) Phenanthrene	11.480	178	1968447	47.43	ng		98
72) Anthracene	11.533	178	1936988	46.79	ng		98
73) Carbazole	11.686	167	1790443	47.76	ng		99
74) Di-n-butylphthalate	12.021	149	2087374	44.88	ng		100
75) Fluoranthene	12.674	202	2054540	46.53	ng		98
77) Benzidine	12.786	184	696468	46.38	ng		99
78) Pyrene	12.904	202	2103139	53.24	ng		98
80) Butylbenzylphthalate	13.521	149	924410	52.54	ng		96
81) Benzo(a)anthracene	14.098	228	1777288	48.29	ng		99
82) 3,3'-Dichlorobenzidine	14.057	252	578417	45.92	ng		97
83) Chrysene	14.139	228	1707634	47.96	ng		97
84) Bis(2-ethylhexyl)phtha...	14.086	149	1171315	47.75	ng		97
85) Di-n-octyl phthalate	14.704	149	1994557	49.26	ng		99
87) Indeno(1,2,3-cd)pyrene	17.109	276	1452095	47.79	ng		97
88) Benzo(b)fluoranthene	15.162	252	1636724	52.16	ng		99
89) Benzo(k)fluoranthene	15.192	252	1511154	50.85	ng		98
90) Benzo(a)pyrene	15.533	252	1422799	50.50	ng		98
91) Dibenzo(a,h)anthracene	17.127	278	1192999	47.65	ng		98
92) Benzo(g,h,i)perylene	17.568	276	1152203	48.00	ng		98

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

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