Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121265.D
Acq On : 13 Aug 2020 11:00
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Manual Integrations APPROVED
Sohil
8/14/2020 2:53:17 PM

Quant Time: Aug 13 15:24:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 13:23:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	76097	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	292210	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	152875	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	302583	20.00	ng		0.00
76) Chrysene-d12	13.87	240	274426	20.00	ng		0.00
86) Perylene-d12	15.29	264	285013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	49583	10.06	ng		0.01
7) Phenol-d6	6.36	99	65659	10.34	ng		0.00
23) Nitrobenzene-d5	7.28	82	51529	9.61	ng		0.00
42) 2,4,6-Tribromophenol	10.54	330	17427	9.49	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	117759	10.94	ng		0.00
79) Terphenyl-d14	12.82	244	150027	10.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	9956	4.697	ng		99
3) Pyridine	3.07	79	26249m	4.733	ng		
4) n-Nitrosodimethylamine	2.97	42	10570	4.623	ng	#	98
6) Aniline	6.38	93	38407	5.087	ng		94
8) 2-Chlorophenol	6.50	128	27604	5.071	ng		99
9) Benzaldehyde	6.27	77	18481	5.448	ng		96
10) Phenol	6.37	94	35746	5.195	ng		99
11) bis(2-Chloroethyl)ether	6.45	93	24410	4.869	ng		99
12) 1,3-Dichlorobenzene	6.66	146	29327	5.117	ng		98
13) 1,4-Dichlorobenzene	6.74	146	30262	5.193	ng		98
14) 1,2-Dichlorobenzene	6.89	146	28015	5.096	ng		99
15) Benzyl Alcohol	6.86	79	21618	5.034	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	36540	5.066	ng		97
17) 2-Methylphenol	6.98	107	22073	5.085	ng		98
18) Hexachloroethane	7.23	117	10297	4.962	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	18902	5.328	ng		95
20) 3+4-Methylphenols	7.14	107	28776	5.317	ng		95
22) Acetophenone	7.13	105	38454	5.229	ng		97
24) Nitrobenzene	7.30	77	27603	4.691	ng		97
25) Isophorone	7.55	82	52448	4.888	ng		100
26) 2-Nitrophenol	7.63	139	12336	4.345	ng		94
27) 2,4-Dimethylphenol	7.66	122	21368	4.732	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	29248	4.857	ng		99
29) 2,4-Dichlorophenol	7.87	162	21150	4.570	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	25218	5.017	ng		97
31) Naphthalene	8.03	128	82780	5.089	ng		99
33) 4-Chloroaniline	8.08	127	32670	4.893	ng		99
34) Hexachlorobutadiene	8.15	225	14988	4.907	ng		97
35) Caprolactam	8.40	113	5897	4.186	ng		88
36) 4-Chloro-3-methylphenol	8.56	107	22388	4.738	ng		94
37) 2-Methylnaphthalene	8.72	142	54387	5.052	ng		99
38) 1-Methylnaphthalene	8.82	142	51395	5.083	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	25270	5.030	ng		98
41) Hexachlorocyclopentadiene	8.87	237	2224	2.016	ng		91

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ALS Vial : 2 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.00	196	15442	4.864	ng		98
44) 2,4,5-Trichlorophenol	9.04	196	16090	4.650	ng		94
46) 1,1'-Biphenyl	9.18	154	66183	5.123	ng		98
47) 2-Chloronaphthalene	9.20	162	49832	4.981	ng		98
48) 2-Nitroaniline	9.30	65	12056	4.169	ng	#	83
49) Acenaphthylene	9.62	152	79206	4.969	ng		98
50) Dimethylphthalate	9.47	163	56670	4.901	ng		99
51) 2,6-Dinitrotoluene	9.54	165	11579	4.464	ng	#	84
52) Acenaphthene	9.79	154	47460	5.034	ng		97
53) 3-Nitroaniline	9.71	138	13284	4.520	ng		95
55) Dibenzofuran	9.96	168	76927	5.150	ng		97
57) 2,4-Dinitrotoluene	9.95	165	14721	4.385	ng		97
58) Fluorene	10.30	166	59009	5.199	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	12379	4.578	ng	#	94
60) Diethylphthalate	10.17	149	57062	4.873	ng		97
61) 4-Chlorophenyl-phenylether	10.30	204	28821	5.161	ng		98
62) 4-Nitroaniline	10.32	138	12962	4.384	ng		92
63) Azobenzene	10.46	77	56661	4.861	ng		99
66) n-Nitrosodiphenylamine	10.41	169	51055	4.948	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	17106	4.884	ng		94
68) Hexachlorobenzene	10.85	284	19821	5.030	ng		97
69) Atrazine	10.94	200	15251	4.834	ng		98
71) Phenanthrene	11.26	178	87921	5.164	ng		99
72) Anthracene	11.31	178	85404	4.993	ng		99
73) Carbazole	11.47	167	83073	4.932	ng		99
74) Di-n-butylphthalate	11.80	149	91101	4.692	ng		99
75) Fluoranthene	12.44	202	94559	4.921	ng		99
77) Benzidine	12.57	184	39544	5.083	ng		100
78) Pyrene	12.67	202	98636	4.873	ng		100
80) Butylbenzylphthalate	13.30	149	37325	4.308	ng		96
81) Benzo(a)anthracene	13.86	228	95660	5.074	ng		97
82) 3,3'-Dichlorobenzidine	13.83	252	35182	4.723	ng		99
83) Chrysene	13.90	228	94613	5.080	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	56461	4.495	ng	#	99
85) Di-n-octyl phthalate	14.47	149	97149	4.364	ng		100
87) Indeno(1,2,3-cd)pyrene	16.66	276	100798	4.720	ng		100
88) Benzo(b)fluoranthene	14.89	252	94181m	5.027	ng		
89) Benzo(k)fluoranthene	14.91	252	88561	5.005	ng		98
90) Benzo(a)pyrene	15.23	252	83329	4.844	ng		99
91) Dibenzo(a,h)anthracene	16.67	278	86714	4.771	ng		98
92) Benzo(g,h,i)perylene	17.07	276	84808	4.689	ng		100

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

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