Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010521\
Data File : BF122919.D
Acq On : 5 Jan 2021 13:10
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 05 14:24:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 05 14:20:20 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
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1/6/2021 12:02:10 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	105873	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	402944	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	218498	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	413762	20.00	ng		0.00
76) Chrysene-d12	13.992	240	394811	20.00	ng		0.00
86) Perylene-d12	15.456	264	408281	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	284482	42.54	ng		0.00
7) Phenol-d6	6.439	99	372626	42.01	ng		0.00
23) Nitrobenzene-d5	7.369	82	324129	40.30	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	117249	41.00	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	654097	40.49	ng		0.00
79) Terphenyl-d14	12.927	244	915482	40.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	62252	19.80	ng		97
3) Pyridine	3.269	79	163988	19.74	ng		99
4) n-Nitrosodimethylamine	3.210	42	61768	18.54	ng		95
6) Aniline	6.463	93	213600	20.46	ng	#	90
8) 2-Chlorophenol	6.592	128	156857	21.28	ng		92
9) Benzaldehyde	6.351	77	103833	19.34	ng		99
10) Phenol	6.451	94	192293	20.92	ng		97
11) bis(2-Chloroethyl)ether	6.539	93	141822	20.20	ng		98
12) 1,3-Dichlorobenzene	6.745	146	183462	21.04	ng		99
13) 1,4-Dichlorobenzene	6.822	146	186189	21.17	ng		99
14) 1,2-Dichlorobenzene	6.975	146	173649	20.46	ng		99
15) Benzyl Alcohol	6.951	79	127798	20.93	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	179069	17.89	ng		93
17) 2-Methylphenol	7.063	107	122442	20.90	ng		99
18) Hexachloroethane	7.316	117	65847	21.01	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	102123	20.10	ng		97
20) 3+4-Methylphenols	7.216	107	155716	21.04	ng	#	78
22) Acetophenone	7.216	105	206335	20.59	ng		99
24) Nitrobenzene	7.386	77	158364	19.79	ng		98
25) Isophorone	7.628	82	265732	19.18	ng		99
26) 2-Nitrophenol	7.710	139	80636	20.66	ng		93
27) 2,4-Dimethylphenol	7.745	122	112739	19.71	ng		100
28) bis(2-Chloroethoxy)met...	7.839	93	182450	19.23	ng		99
29) 2,4-Dichlorophenol	7.957	162	133494	19.99	ng		97
30) 1,2,4-Trichlorobenzene	8.033	180	152702	20.18	ng		98
31) Naphthalene	8.116	128	454460	20.44	ng		99
32) Benzoic acid	7.869	122	66632	14.62	ng		98
33) 4-Chloroaniline	8.163	127	190938	20.54	ng		99
34) Hexachlorobutadiene	8.228	225	94811	20.36	ng		97
35) Caprolactam	8.528	113	41150	20.46	ng		92
36) 4-Chloro-3-methylphenol	8.651	107	135270	20.56	ng		100
37) 2-Methylnaphthalene	8.804	142	304959	20.73	ng		99
38) 1-Methylnaphthalene	8.904	142	285304	20.50	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	146905	20.30	ng		99
41) Hexachlorocyclopentadiene	8.957	237	19845	6.20	ng		99
43) 2,4,6-Trichlorophenol	9.086	196	95763	19.16	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	99749	19.31	ng		97
46) 1,1'-Biphenyl	9.269	154	370679	20.44	ng		98
47) 2-Chloronaphthalene	9.298	162	308585	20.54	ng		96
48) 2-Nitroaniline	9.392	65	89188	20.36	ng		86
49) Acenaphthylene	9.710	152	455107	20.51	ng		99
50) Dimethylphthalate	9.569	163	353721	20.27	ng		99
51) 2,6-Dinitrotoluene	9.633	165	77696	21.08	ng		91
52) Acenaphthene	9.880	154	274469	19.12	ng		98
53) 3-Nitroaniline	9.804	138	89629	21.05	ng		94
54) 2,4-Dinitrophenol	9.927	184	29471	16.36	ng	#	89
55) Dibenzofuran	10.057	168	413553	20.48	ng		97
56) 4-Nitrophenol	9.980	139	50724	16.70	ng		91
57) 2,4-Dinitrotoluene	10.045	165	103824	21.15	ng		99
58) Fluorene	10.398	166	331583	20.64	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	87272m	19.23	ng		
60) Diethylphthalate	10.269	149	347735	20.49	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	164674	20.82	ng		93
62) 4-Nitroaniline	10.422	138	94619	21.89	ng		98
63) Azobenzene	10.551	77	306116	19.62	ng		97
65) 4,6-Dinitro-2-methylph...	10.457	198	49967	19.80	ng		97
66) n-Nitrosodiphenylamine	10.510	169	292149	19.98	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	109255	19.49	ng		94
68) Hexachlorobenzene	10.951	284	122488	19.76	ng		97
69) Atrazine	11.039	200	96779	20.38	ng		99
70) Pentachlorophenol	11.151	266	48548	14.78	ng		98
71) Phenanthrene	11.363	178	512659	20.85	ng		98
72) Anthracene	11.416	178	512594	21.02	ng		98
73) Carbazole	11.574	167	469113	21.21	ng		98
74) Di-n-butylphthalate	11.898	149	571344	20.56	ng		99
75) Fluoranthene	12.557	202	563837	21.87	ng		98
77) Benzidine	12.680	184	297681	34.86	ng		99
78) Pyrene	12.786	202	573045	18.77	ng		99
80) Butylbenzylphthalate	13.404	149	253589	18.44	ng		96
81) Benzo(a)anthracene	13.980	228	544975	20.65	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	195530	20.69	ng		97
83) Chrysene	14.021	228	534185	20.34	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	349375	18.56	ng		100
85) Di-n-octyl phthalate	14.574	149	593557	19.00	ng		98
87) Indeno(1,2,3-cd)pyrene	16.921	276	552640	20.62	ng		98
88) Benzo(b)fluoranthene	15.033	252	542299	18.93	ng		98
89) Benzo(k)fluoranthene	15.062	252	537617	20.53	ng		99
90) Benzo(a)pyrene	15.398	252	499211	19.92	ng		98
91) Dibenzo(a,h)anthracene	16.927	278	456249	20.80	ng		98
92) Benzo(g,h,i)perylene	17.356	276	433831	20.44	ng		98

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

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