Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\
Data File : BF121321.D
Acq On : 18 Aug 2020 12:34
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Quant Time: Aug 18 13:03:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 18 12:15:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	98000	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	355987	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	189631	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	369603	20.00	ng		0.00
76) Chrysene-d12	13.86	240	289814	20.00	ng		0.00
86) Perylene-d12	15.27	264	329596	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	663051	102.57	ng		0.00
7) Phenol-d6	6.34	99	848377	101.85	ng		0.00
23) Nitrobenzene-d5	7.27	82	716700	110.03	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	262698	112.52	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1244932	90.81	ng		0.00
79) Terphenyl-d14	12.81	244	1485700	99.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	151253	54.984	ng		100
3) Pyridine	2.96	79	398321	55.625	ng		98
4) n-Nitrosodimethylamine	2.92	42	166377	56.731	ng		97
6) Aniline	6.36	93	487887	49.408	ng		97
8) 2-Chlorophenol	6.49	128	356839	50.202	ng		97
9) Benzaldehyde	6.25	77	242868	56.577	ng		97
10) Phenol	6.36	94	420011	46.481	ng		92
11) bis(2-Chloroethyl)ether	6.44	93	346648	53.146	ng		98
12) 1,3-Dichlorobenzene	6.64	146	392567	52.269	ng		97
13) 1,4-Dichlorobenzene	6.72	146	395269	52.070	ng		98
14) 1,2-Dichlorobenzene	6.87	146	362962	50.662	ng		98
15) Benzyl Alcohol	6.85	79	262809	47.099	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	516183	54.959	ng		97
17) 2-Methylphenol	6.96	107	286579	51.041	ng		99
18) Hexachloroethane	7.21	117	148405	55.283	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	221424	47.842	ng		100
20) 3+4-Methylphenols	7.12	107	326924	45.894	ng	#	89
22) Acetophenone	7.12	105	462125	50.401	ng		98
24) Nitrobenzene	7.29	77	367182	51.952	ng		99
25) Isophorone	7.53	82	655648	50.135	ng		99
26) 2-Nitrophenol	7.60	139	194911	56.917	ng		95
27) 2,4-Dimethylphenol	7.65	122	272605	49.684	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	452648	61.882	ng		99
29) 2,4-Dichlorophenol	7.85	162	300489	53.555	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	338776	54.706	ng		99
31) Naphthalene	8.00	128	1003881	50.124	ng		99
32) Benzoic acid	7.79	122	216631	82.436	ng		97
33) 4-Chloroaniline	8.06	127	445996	54.568	ng		99
34) Hexachlorobutadiene	8.12	225	202729	54.107	ng		97
35) Caprolactam	8.45	113	99776	59.039	ng		94
36) 4-Chloro-3-methylphenol	8.55	107	304072	53.118	ng		98
37) 2-Methylnaphthalene	8.69	142	662838	50.294	ng		99
38) 1-Methylnaphthalene	8.79	142	628600	50.374	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	320246	50.401	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	122880	89.055 ng	99
43) 2,4,6-Trichlorophenol	8.98	196	225710	55.855 ng	100
44) 2,4,5-Trichlorophenol	9.02	196	231056	52.642 ng	98
46) 1,1'-Biphenyl	9.16	154	795659	48.560 ng	99
47) 2-Chloronaphthalene	9.19	162	657702	52.145 ng	99
48) 2-Nitroaniline	9.29	65	211038	59.526 ng	87
49) Acenaphthylene	9.60	152	995928	49.714 ng	99
50) Dimethylphthalate	9.47	163	791495	55.468 ng	99
51) 2,6-Dinitrotoluene	9.53	165	173319	54.488 ng	94
52) Acenaphthene	9.77	154	591477	49.868 ng	97
53) 3-Nitroaniline	9.70	138	215458	59.324 ng	100
54) 2,4-Dinitrophenol	9.81	184	92789	98.547 ng	94
55) Dibenzofuran	9.95	168	867227	45.913 ng	99
56) 4-Nitrophenol	9.87	139	137855	58.817 ng	92
57) 2,4-Dinitrotoluene	9.94	165	215590	51.646 ng	98
58) Fluorene	10.29	166	656542	45.919 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	201103	57.949 ng	98
60) Diethylphthalate	10.17	149	782797	53.947 ng	99
61) 4-Chlorophenyl-phenylether	10.28	204	329497	47.383 ng	97
62) 4-Nitroaniline	10.32	138	221444	60.814 ng	96
63) Azobenzene	10.44	77	719933	49.655 ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	122857	60.001 ng	77
66) n-Nitrosodiphenylamine	10.40	169	638530	50.384 ng	99
67) 4-Bromophenyl-phenylether	10.77	248	235433	54.608 ng	96
68) Hexachlorobenzene	10.83	284	266296	54.166 ng	96
69) Atrazine	10.93	200	207783	54.814 ng	99
70) Pentachlorophenol	11.03	266	134442	74.210 ng	98
71) Phenanthrene	11.25	178	1035009	48.949 ng	100
72) Anthracene	11.30	178	1026144	48.360 ng	99
73) Carbazole	11.46	167	982462	47.344 ng	98
74) Di-n-butylphthalate	11.79	149	1272771	54.338 ng	100
75) Fluoranthene	12.43	202	1141737	48.492 ng	98
77) Benzidine	12.56	184	526868	69.153 ng	99
78) Pyrene	12.66	202	1177191	54.546 ng	100
80) Butylbenzylphthalate	13.29	149	565112	64.104 ng	96
81) Benzo(a)anthracene	13.85	228	927093	47.164 ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	417142	53.488 ng	99
83) Chrysene	13.89	228	1041402	51.891 ng	100
84) Bis(2-ethylhexyl)phthalate	13.84	149	661571	54.447 ng	99
85) Di-n-octyl phthalate	14.46	149	1364497	61.248 ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1290961	52.681 ng	100
88) Benzo(b)fluoranthene	14.87	252	1108665	50.202 ng	99
89) Benzo(k)fluoranthene	14.90	252	1042351	50.827 ng	98
90) Benzo(a)pyrene	15.22	252	1042101	52.281 ng	99
91) Dibenzo(a,h)anthracene	16.66	278	1039558	49.509 ng	99
92) Benzo(g,h,i)perylene	17.06	276	1061723	51.238 ng	99

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

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