Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\
Data File : BF121317.D
Acq On : 18 Aug 2020 10:31
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Aug 18 12:23:45 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	6.69	152	84991	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	334713	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	180276	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	358649	20.00	ng		0.00
76) Chrysene-d12	13.86	240	323062	20.00	ng		0.00
86) Perylene-d12	15.27	264	338868	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	124330	22.18	ng		0.00
7) Phenol-d6	6.33	99	162114	22.44	ng		0.00
23) Nitrobenzene-d5	7.26	82	131400	21.46	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	48198	21.72	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	289957	22.25	ng		0.00
79) Terphenyl-d14	12.80	244	375348	22.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	25939	10.873	ng		97
3) Pyridine	2.99	79	65494	10.546	ng		96
4) n-Nitrosodimethylamine	2.90	42	26256	10.323	ng	#	96
6) Aniline	6.35	93	91586	10.694	ng		92
8) 2-Chlorophenol	6.48	128	63281	10.265	ng		99
9) Benzaldehyde	6.24	77	48699	13.081	ng		93
10) Phenol	6.35	94	83089	10.603	ng		92
11) bis(2-Chloroethyl)ether	6.43	93	61152	10.811	ng		99
12) 1,3-Dichlorobenzene	6.63	146	71629	10.997	ng		99
13) 1,4-Dichlorobenzene	6.71	146	73498	11.164	ng		96
14) 1,2-Dichlorobenzene	6.86	146	68345	11.000	ng		98
15) Benzyl Alcohol	6.84	79	50531	10.442	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	95157	11.682	ng		99
17) 2-Methylphenol	6.96	107	52470	10.776	ng		97
18) Hexachloroethane	7.20	117	26790	11.507	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	44428	11.069	ng		96
20) 3+4-Methylphenols	7.12	107	67409	10.911	ng	#	83
22) Acetophenone	7.10	105	95090	11.030	ng		96
24) Nitrobenzene	7.27	77	66228	9.966	ng		97
25) Isophorone	7.52	82	117450	9.552	ng		97
26) 2-Nitrophenol	7.60	139	31546	9.797	ng		97
27) 2,4-Dimethylphenol	7.64	122	47952	9.295	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	82589	12.008	ng		100
29) 2,4-Dichlorophenol	7.85	162	53512	10.143	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	62573	10.747	ng		99
31) Naphthalene	8.00	128	194224	10.314	ng		99
32) Benzoic acid	7.73	122	16893	6.837	ng		91
33) 4-Chloroaniline	8.05	127	80360	10.457	ng		98
34) Hexachlorobutadiene	8.12	225	37150	10.545	ng		99
35) Caprolactam	8.39	113	16745	10.538	ng		98
36) 4-Chloro-3-methylphenol	8.54	107	53975	10.028	ng		98
37) 2-Methylnaphthalene	8.69	142	129069	10.416	ng		98
38) 1-Methylnaphthalene	8.79	142	120904	10.305	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	60706	10.050	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	7172	5.468	ng		95
43) 2,4,6-Trichlorophenol	8.97	196	38274	9.963	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	40424	9.688	ng		98
46) 1,1'-Biphenyl	9.16	154	160450	10.301	ng		98
47) 2-Chloronaphthalene	9.18	162	126941	10.587	ng		98
48) 2-Nitroaniline	9.28	65	36867	10.938	ng		90
49) Acenaphthylene	9.59	152	197631	10.377	ng		99
50) Dimethylphthalate	9.46	163	148531	10.949	ng		99
51) 2,6-Dinitrotoluene	9.52	165	29633	9.800	ng		95
52) Acenaphthene	9.76	154	118639	10.522	ng		99
53) 3-Nitroaniline	9.69	138	37492	10.859	ng		86
54) 2,4-Dinitrophenol	9.81	184	9110	10.177	ng	#	88
55) Dibenzofuran	9.94	168	183405	10.214	ng		96
56) 4-Nitrophenol	9.87	139	20733	9.305	ng		98
57) 2,4-Dinitrotoluene	9.93	165	39822	10.035	ng		97
58) Fluorene	10.28	166	143486	10.556	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	36058	10.929	ng		98
60) Diethylphthalate	10.16	149	154977	11.235	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	74459	11.263	ng		97
62) 4-Nitroaniline	10.30	138	38765	11.198	ng		97
63) Azobenzene	10.43	77	141410	10.259	ng		96
65) 4,6-Dinitro-2-methylphenol	10.34	198	16149	8.128	ng		85
66) n-Nitrosodiphenylamine	10.39	169	125974	10.244	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	44263	10.580	ng	#	92
68) Hexachlorobenzene	10.83	284	52394	10.983	ng	#	93
69) Atrazine	10.92	200	38776	10.542	ng		99
70) Pentachlorophenol	11.03	266	16261	9.250	ng		97
71) Phenanthrene	11.24	178	213367	10.399	ng		99
72) Anthracene	11.29	178	211156	10.255	ng		100
73) Carbazole	11.45	167	200178	9.941	ng		100
74) Di-n-butylphthalate	11.79	149	256674	11.293	ng		99
75) Fluoranthene	12.43	202	239208	10.470	ng		100
77) Benzidine	12.55	184	117072	13.785	ng		99
78) Pyrene	12.66	202	248952	10.348	ng		98
80) Butylbenzylphthalate	13.28	149	108288	11.019	ng		93
81) Benzo(a)anthracene	13.84	228	226524	10.338	ng		98
82) 3,3'-Dichlorobenzidine	13.81	252	86275	9.924	ng		98
83) Chrysene	13.88	228	227642	10.176	ng		99
84) Bis(2-ethylhexyl)phthalate	13.84	149	153603	11.340	ng		99
85) Di-n-octyl phthalate	14.46	149	278528	11.216	ng		100
87) Indeno(1,2,3-cd)pyrene	16.63	276	260672	10.346	ng		100
88) Benzo(b)fluoranthene	14.87	252	234554	10.330	ng		98
89) Benzo(k)fluoranthene	14.89	252	216414	10.264	ng		98
90) Benzo(a)pyrene	15.21	252	211245	10.308	ng		99
91) Dibenzo(a,h)anthracene	16.64	278	219722	10.178	ng		99
92) Benzo(g,h,i)perylene	17.03	276	210934	9.901	ng		99

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

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