Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116805.D
Acq On : 4 Sep 2019 10:30
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 05 02:03:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	90745	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	375164	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	187745	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	300128	20.00	ng		0.00
76) Chrysene-d12	14.00	240	190581	20.00	ng		0.00
87) Perylene-d12	15.45	264	169841	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	493124	88.04	ng		0.00
7) Phenol-d6	6.48	99	627877	85.37	ng		0.00
23) Nitrobenzene-d5	7.41	82	595002	90.54	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	130560	104.02	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1017803	91.45	ng		0.00
79) Terphenyl-d14	12.94	244	932521	90.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	102647	39.698	ng		96
3) Pyridine	3.34	79	291873	38.986	ng		93
4) n-Nitrosodimethylamine	3.29	42	99678	38.772	ng		87
6) Aniline	6.51	93	412112	40.454	ng		98
8) 2-Chlorophenol	6.63	128	261791	42.814	ng		97
9) Benzaldehyde	6.40	77	188763	38.955	ng		98
10) Phenol	6.49	94	344540	42.303	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	258843	40.816	ng		100
12) 1,3-Dichlorobenzene	6.79	146	296887	42.960	ng		95
13) 1,4-Dichlorobenzene	6.87	146	299110	43.474	ng		99
14) 1,2-Dichlorobenzene	7.02	146	276158	43.311	ng		96
15) Benzyl Alcohol	6.99	79	246778	41.333	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	266500	35.818	ng		93
17) 2-Methylphenol	7.10	107	221419	41.365	ng		94
18) Hexachloroethane	7.36	117	111894	41.859	ng	#	88
19) n-Nitroso-di-n-propylamine	7.26	70	195090	40.284	ng		91
20) 3+4-Methylphenols	7.25	107	277983	44.665	ng		92
22) Acetophenone	7.26	105	394268	43.652	ng	#	94
24) Nitrobenzene	7.43	77	295461	44.206	ng		98
25) Isophorone	7.67	82	524619	39.396	ng		99
26) 2-Nitrophenol	7.75	139	131823	53.050	ng		94
27) 2,4-Dimethylphenol	7.78	122	205822	41.013	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	327043	40.188	ng		99
29) 2,4-Dichlorophenol	7.99	162	209381	43.414	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	224407	42.899	ng		97
31) Naphthalene	8.15	128	748421	41.953	ng		99
32) Benzoic acid	7.87	122	60733	21.433	ng		90
33) 4-Chloroaniline	8.20	127	337057	41.507	ng		97
34) Hexachlorobutadiene	8.27	225	127665	44.759	ng		99
35) Caprolactam	8.56	113	68345	37.866	ng		91
36) 4-Chloro-3-methylphenol	8.68	107	239101	43.135	ng		96
37) 2-Methylnaphthalene	8.85	142	508661	42.854	ng		96
38) 1-Methylnaphthalene	8.95	142	482182	43.034	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	204953	45.539	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	98825	38.025 ng		98
43) 2,4,6-Trichlorophenol	9.12	196	144431	46.815 ng		98
44) 2,4,5-Trichlorophenol	9.16	196	149181	46.577 ng	#	92
46) 1,1'-Biphenyl	9.30	154	623219	43.746 ng		97
47) 2-Chloronaphthalene	9.33	162	485759	43.050 ng		99
48) 2-Nitroaniline	9.42	65	159713	48.960 ng		98
49) Acenaphthylene	9.75	152	731926	42.911 ng		99
50) Dimethylphthalate	9.60	163	545898	42.116 ng		99
51) 2,6-Dinitrotoluene	9.66	165	119760	48.426 ng		94
52) Acenaphthene	9.92	154	456126	43.523 ng		98
53) 3-Nitroaniline	9.83	138	147881	47.716 ng		95
54) 2,4-Dinitrophenol	9.93	184	29779	39.142 ng	#	90
55) Dibenzofuran	10.09	168	634499	42.947 ng		97
56) 4-Nitrophenol	9.99	139	101101	47.576 ng		91
57) 2,4-Dinitrotoluene	10.07	165	161873	53.531 ng	#	85
58) Fluorene	10.43	166	507416	45.075 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	111557	48.260 ng		94
60) Diethylphthalate	10.30	149	550751	42.418 ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	222237	45.083 ng		94
62) 4-Nitroaniline	10.45	138	147231	48.952 ng		94
63) Azobenzene	10.58	77	555416	41.025 ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	50279	45.877 ng		87
66) n-Nitrosodiphenylamine	10.54	169	443576	42.724 ng		98
67) 4-Bromophenyl-phenylether	10.91	248	131688	43.192 ng		99
68) Hexachlorobenzene	10.98	284	139329	43.678 ng		97
69) Atrazine	11.06	200	122192	42.021 ng		95
70) Pentachlorophenol	11.17	266	75732	49.077 ng		94
71) Phenanthrene	11.39	178	719910	43.090 ng		100
72) Anthracene	11.44	178	727528	43.259 ng		99
73) Carbazole	11.59	167	679086	42.390 ng		100
74) Di-n-butylphthalate	11.92	149	866366	42.185 ng		100
75) Fluoranthene	12.57	202	705031	42.940 ng		98
77) Benzidine	12.69	184	290200	38.822 ng		100
78) Pyrene	12.80	202	703154	41.505 ng		99
80) Butylbenzylphthalate	13.42	149	340575	41.339 ng		97
81) Benzo(a)anthracene	13.99	228	529395	43.890 ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	176158	43.216 ng		99
83) Chrysene	14.02	228	523893	42.159 ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	440926	43.356 ng		99
85) Di-n-octyl phthalate	14.59	149	694938	41.756 ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.90	276	403189	40.394 ng		96
88) Benzo(b)fluoranthene	15.03	252	442982	43.141 ng		98
89) Benzo(k)fluoranthene	15.06	252	402662	43.008 ng		99
90) Benzo(a)pyrene	15.39	252	383640	42.944 ng		97
91) Dibenzo(a,h)anthracene	16.92	278	328160	41.966 ng		95
92) Benzo(g,h,i)perylene	17.34	276	312147	39.141 ng		97

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

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