Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116764.D
Acq On : 3 Sep 2019 11:14
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 03 13:00:37 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	142882	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	580254	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	291542	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	472408	20.00	ng		0.00
76) Chrysene-d12	14.00	240	325601	20.00	ng		0.00
87) Perylene-d12	15.46	264	313004	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	747179	84.72	ng		0.00
7) Phenol-d6	6.49	99	962288	83.09	ng		0.00
23) Nitrobenzene-d5	7.42	82	890832	87.64	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	194571	99.83	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1440128	83.33	ng		0.00
79) Terphenyl-d14	12.95	244	1368810	77.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	171497	42.123	ng		97
3) Pyridine	3.36	79	497762	42.226	ng		96
4) n-Nitrosodimethylamine	3.30	42	157008	38.787	ng	#	76
6) Aniline	6.52	93	652883	40.703	ng		95
8) 2-Chlorophenol	6.64	128	405187	42.085	ng		99
9) Benzaldehyde	6.40	77	287599	37.694	ng		95
10) Phenol	6.50	94	538923	42.025	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	408456	40.906	ng		100
12) 1,3-Dichlorobenzene	6.79	146	450629	41.413	ng		98
13) 1,4-Dichlorobenzene	6.87	146	446912	41.254	ng		100
14) 1,2-Dichlorobenzene	7.03	146	422365	42.070	ng		98
15) Benzyl Alcohol	6.99	79	375697	39.965	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	466433	39.814	ng		99
17) 2-Methylphenol	7.10	107	344686	40.897	ng		96
18) Hexachloroethane	7.37	117	172676	41.026	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	289803	38.005	ng		95
20) 3+4-Methylphenols	7.26	107	410103	41.849	ng	#	81
22) Acetophenone	7.26	105	576110	41.240	ng		97
24) Nitrobenzene	7.43	77	445516	43.097	ng		92
25) Isophorone	7.67	82	807706	39.216	ng		99
26) 2-Nitrophenol	7.75	139	205686	53.518	ng		95
27) 2,4-Dimethylphenol	7.79	122	321067	41.364	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	516470	41.034	ng		100
29) 2,4-Dichlorophenol	7.99	162	330636	44.325	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	341176	42.169	ng		97
31) Naphthalene	8.16	128	1152167	41.758	ng		99
32) Benzoic acid	7.90	122	212100	48.395	ng		93
33) 4-Chloroaniline	8.20	127	518248	41.263	ng		98
34) Hexachlorobutadiene	8.27	225	185012	41.939	ng		97
35) Caprolactam	8.57	113	113096	40.513	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	362975	42.337	ng		98
37) 2-Methylnaphthalene	8.85	142	763256	41.576	ng		97
38) 1-Methylnaphthalene	8.95	142	724422	41.802	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	300929	43.059	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	159056	39.411	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	220045	45.931	ng		95
44) 2,4,5-Trichlorophenol	9.16	196	228580	45.958	ng		95
46) 1,1'-Biphenyl	9.31	154	923347	41.738	ng		98
47) 2-Chloronaphthalene	9.33	162	737986	42.118	ng		100
48) 2-Nitroaniline	9.42	65	241925	47.758	ng		97
49) Acenaphthylene	9.75	152	1104021	41.682	ng		99
50) Dimethylphthalate	9.61	163	819139	40.697	ng		99
51) 2,6-Dinitrotoluene	9.67	165	184328	47.999	ng	#	81
52) Acenaphthene	9.92	154	686418	42.178	ng		99
53) 3-Nitroaniline	9.83	138	232510	48.312	ng		91
54) 2,4-Dinitrophenol	9.94	184	69886	54.532	ng		92
55) Dibenzofuran	10.09	168	953743	41.572	ng		98
56) 4-Nitrophenol	9.99	139	166266	50.385	ng		81
57) 2,4-Dinitrotoluene	10.07	165	245151	52.207	ng		99
58) Fluorene	10.43	166	740227	42.345	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	175030	48.761	ng		99
60) Diethylphthalate	10.30	149	814285	40.387	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	325318	42.498	ng		99
62) 4-Nitroaniline	10.45	138	233471	49.988	ng		91
63) Azobenzene	10.59	77	852664	40.558	ng		92
65) 4,6-Dinitro-2-methylphenol	10.48	198	93724	52.958	ng		96
66) n-Nitrosodiphenylamine	10.54	169	670130	41.006	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	198999	41.466	ng		92
68) Hexachlorobenzene	10.99	284	210073	41.839	ng		98
69) Atrazine	11.07	200	188721	41.232	ng		97
70) Pentachlorophenol	11.17	266	122620	50.484	ng		99
71) Phenanthrene	11.39	178	1093044	41.565	ng		99
72) Anthracene	11.45	178	1094580	41.349	ng		100
73) Carbazole	11.60	167	1053901	41.795	ng		99
74) Di-n-butylphthalate	11.93	149	1302823	40.302	ng		99
75) Fluoranthene	12.58	202	1096921	42.444	ng		99
77) Benzidine	12.69	184	511119	40.022	ng		98
78) Pyrene	12.81	202	1114048	38.490	ng		99
80) Butylbenzylphthalate	13.42	149	553550	39.328	ng		95
81) Benzo(a)anthracene	13.99	228	869576	42.198	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	300168	43.102	ng		100
83) Chrysene	14.03	228	870884	41.021	ng		98
84) Bis(2-ethylhexyl)phthalate	13.98	149	717128	41.274	ng		97
85) Di-n-octyl phthalate	14.59	149	1196046	42.065	ng		96
86) Indeno(1,2,3-cd)pyrene	16.92	276	668695	39.213	ng	#	93
88) Benzo(b)fluoranthene	15.04	252	782324	41.341	ng		97
89) Benzo(k)fluoranthene	15.07	252	714220	41.394	ng		99
90) Benzo(a)pyrene	15.40	252	686269	41.683	ng		97
91) Dibenzo(a,h)anthracene	16.93	278	548197	38.040	ng	#	93
92) Benzo(g,h,i)perylene	17.35	276	525288	35.740	ng	#	93

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

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