Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116828.D
Acq On : 5 Sep 2019 10:49
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 05 14:22:30 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	83100	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	347107	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	177369	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	279118	20.00	ng		0.00
76) Chrysene-d12	14.00	240	188751	20.00	ng		0.00
87) Perylene-d12	15.45	264	162519	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	440711	85.92	ng		0.00
7) Phenol-d6	6.48	99	576181	85.54	ng		0.00
23) Nitrobenzene-d5	7.41	82	531234	87.37	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	127100	107.19	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	960459	91.35	ng		0.00
79) Terphenyl-d14	12.94	244	891197	87.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	92717	39.156	ng		95
3) Pyridine	3.34	79	257716	37.590	ng		93
4) n-Nitrosodimethylamine	3.29	42	92420	39.256	ng		84
6) Aniline	6.51	93	380872	40.827	ng		97
8) 2-Chlorophenol	6.63	128	239158	42.711	ng		97
9) Benzaldehyde	6.39	77	171370	38.619	ng		98
10) Phenol	6.49	94	318356	42.684	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	235126	40.487	ng		99
12) 1,3-Dichlorobenzene	6.79	146	269595	42.599	ng		99
13) 1,4-Dichlorobenzene	6.86	146	274452	43.559	ng		98
14) 1,2-Dichlorobenzene	7.02	146	255617	43.778	ng		97
15) Benzyl Alcohol	6.99	79	234185	42.833	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	245212	35.988	ng		93
17) 2-Methylphenol	7.10	107	203038	41.421	ng		99
18) Hexachloroethane	7.36	117	107229	43.804	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	183530	41.383	ng		90
20) 3+4-Methylphenols	7.25	107	260059	45.629	ng	#	86
22) Acetophenone	7.26	105	368449	44.091	ng	#	93
24) Nitrobenzene	7.43	77	264559	42.782	ng		98
25) Isophorone	7.67	82	498918	40.494	ng		99
26) 2-Nitrophenol	7.75	139	109658	47.697	ng		95
27) 2,4-Dimethylphenol	7.78	122	190049	40.931	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	310628	41.257	ng		99
29) 2,4-Dichlorophenol	7.99	162	197813	44.331	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	210194	43.430	ng		98
31) Naphthalene	8.15	128	708943	42.952	ng		99
32) Benzoic acid	7.89	122	103863	39.616	ng		97
33) 4-Chloroaniline	8.20	127	311767	41.496	ng		95
34) Hexachlorobutadiene	8.27	225	121237	45.942	ng		99
35) Caprolactam	8.56	113	64202	38.445	ng		93
36) 4-Chloro-3-methylphenol	8.67	107	229888	44.825	ng		98
37) 2-Methylnaphthalene	8.84	142	476473	43.387	ng		97
38) 1-Methylnaphthalene	8.94	142	447328	43.150	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	188802	44.405	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	106837	43.513	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	134163	46.031	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	139786	46.196	ng		95
46) 1,1'-Biphenyl	9.30	154	585410	43.496	ng		98
47) 2-Chloronaphthalene	9.33	162	458303	42.993	ng		98
48) 2-Nitroaniline	9.42	65	139302	45.201	ng		100
49) Acenaphthylene	9.75	152	690269	42.837	ng		98
50) Dimethylphthalate	9.60	163	522815	42.694	ng		97
51) 2,6-Dinitrotoluene	9.66	165	101504	43.445	ng		94
52) Acenaphthene	9.92	154	426265	43.053	ng		98
53) 3-Nitroaniline	9.83	138	127140	43.423	ng	#	93
54) 2,4-Dinitrophenol	9.93	184	29568	40.677	ng	#	88
55) Dibenzofuran	10.09	168	606043	43.420	ng		96
56) 4-Nitrophenol	9.99	139	87960	43.813	ng		88
57) 2,4-Dinitrotoluene	10.07	165	132033	46.217	ng		91
58) Fluorene	10.43	166	475817	44.740	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	105122	48.136	ng		94
60) Diethylphthalate	10.30	149	525926	42.876	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	213559	45.857	ng		92
62) 4-Nitroaniline	10.45	138	126769	44.614	ng		95
63) Azobenzene	10.58	77	533573	41.717	ng		93
65) 4,6-Dinitro-2-methylphenol	10.47	198	44843	44.302	ng		80
66) n-Nitrosodiphenylamine	10.54	169	416548	43.140	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	125195	44.153	ng		96
68) Hexachlorobenzene	10.98	284	134916	45.478	ng		98
69) Atrazine	11.06	200	121498	44.928	ng		100
70) Pentachlorophenol	11.17	266	70899	49.404	ng		96
71) Phenanthrene	11.39	178	680444	43.794	ng		100
72) Anthracene	11.44	178	687675	43.967	ng		99
73) Carbazole	11.59	167	632884	42.479	ng		99
74) Di-n-butylphthalate	11.92	149	817222	42.787	ng		100
75) Fluoranthene	12.57	202	666007	43.617	ng		99
77) Benzidine	12.69	184	296813	40.092	ng		99
78) Pyrene	12.80	202	677396	40.372	ng		98
80) Butylbenzylphthalate	13.42	149	330367	40.489	ng		94
81) Benzo(a)anthracene	13.99	228	523027	43.783	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	171783	42.551	ng		99
83) Chrysene	14.03	228	511264	41.542	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	420875	41.786	ng		98
85) Di-n-octyl phthalate	14.58	149	660812	40.091	ng		96
86) Indeno(1,2,3-cd)pyrene	16.90	276	361784	36.597	ng		97
88) Benzo(b)fluoranthene	15.03	252	405760	41.296	ng		99
89) Benzo(k)fluoranthene	15.06	252	413747	46.183	ng		98
90) Benzo(a)pyrene	15.39	252	359097	42.007	ng		97
91) Dibenzo(a,h)anthracene	16.92	278	295016	39.427	ng		97
92) Benzo(g,h,i)perylene	17.34	276	287134	37.626	ng		97

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

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