Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115838.D
Acq On : 30 Jul 2019 12:55
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Jul 30 16:54:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:48:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137621	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	559862	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	298893	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	529544	20.00	ng		0.00
76) Chrysene-d12	14.02	240	424850	20.00	ng		0.00
87) Perylene-d12	15.49	264	429004	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	184873	21.51	ng		0.00
7) Phenol-d6	6.47	99	233956	21.19	ng		-0.01
23) Nitrobenzene-d5	7.41	82	212711	21.04	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	62608	19.41	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.96	244	462404	22.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	42576	9.630	ng		99
3) Pyridine	3.37	79	111961	9.540	ng		97
4) n-Nitrosodimethylamine	3.29	42	45207	8.862	ng		99
6) Aniline	6.51	93	160243	10.515	ng		99
8) 2-Chlorophenol	6.63	128	99737	10.307	ng		98
9) Benzaldehyde	6.40	77	83267	13.535	ng		96
10) Phenol	6.49	94	136278	10.635	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	95512	9.933	ng		98
12) 1,3-Dichlorobenzene	6.79	146	118059	10.901	ng		97
13) 1,4-Dichlorobenzene	6.87	146	118650	11.068	ng		97
14) 1,2-Dichlorobenzene	7.02	146	110816	11.389	ng		99
15) Benzyl Alcohol	6.99	79	84536	10.324	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	133022	10.525	ng		99
17) 2-Methylphenol	7.10	107	81410	9.799	ng		99
18) Hexachloroethane	7.36	117	41153	10.281	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	72003	10.326	ng		93
20) 3+4-Methylphenols	7.25	107	109328	11.615	ng	#	79
22) Acetophenone	7.26	105	144875	11.422	ng		97
24) Nitrobenzene	7.43	77	114917	10.490	ng		98
25) Isophorone	7.67	82	194203	9.713	ng		99
26) 2-Nitrophenol	7.75	139	48433	8.931	ng		93
27) 2,4-Dimethylphenol	7.78	122	78849	10.061	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	125870	10.549	ng		99
29) 2,4-Dichlorophenol	7.99	162	83530	10.199	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	97224	10.599	ng		99
31) Naphthalene	8.16	128	301966	11.159	ng		99
32) Benzoic acid	7.87	122	39819	6.496	ng		99
33) 4-Chloroaniline	8.20	127	129845	10.417	ng		98
34) Hexachlorobutadiene	8.27	225	57323	10.940	ng		97
35) Caprolactam	8.55	113	25671	9.337	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	88417	10.111	ng		95
37) 2-Methylnaphthalene	8.85	142	201709	11.353	ng		98
38) 1-Methylnaphthalene	8.95	142	191033	11.245	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	89200	10.343	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	18353	5.341	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	56210	9.483	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	58994	9.548	ng		94
46) 1,1'-Biphenyl	9.31	154	244952	10.865	ng		99
47) 2-Chloronaphthalene	9.34	162	196259	10.427	ng		99
48) 2-Nitroaniline	9.43	65	61468	9.530	ng	#	83
49) Acenaphthylene	9.75	152	298634	10.668	ng		98
50) Dimethylphthalate	9.61	163	221738	9.891	ng		99
51) 2,6-Dinitrotoluene	9.67	165	45404	9.148	ng	#	87
52) Acenaphthene	9.93	154	183070	10.735	ng		98
53) 3-Nitroaniline	9.84	138	57944	9.516	ng		92
54) 2,4-Dinitrophenol	9.96	184	9322	3.992	ng		93
55) Dibenzofuran	10.10	168	268783	11.006	ng		98
56) 4-Nitrophenol	10.00	139	30325	7.277	ng		95
57) 2,4-Dinitrotoluene	10.08	165	61696	9.672	ng		96
58) Fluorene	10.44	166	210528	11.153	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	49999	9.750	ng		97
60) Diethylphthalate	10.31	149	214065	10.564	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	104500	11.173	ng		96
62) 4-Nitroaniline	10.45	138	59397	9.472	ng		95
63) Azobenzene	10.59	77	222590	10.357	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	20590	6.694	ng		97
66) n-Nitrosodiphenylamine	10.55	169	180929	11.150	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	62441	10.842	ng		95
68) Hexachlorobenzene	10.99	284	72202	10.975	ng		94
69) Atrazine	11.07	200	57718	15.456	ng		97
70) Pentachlorophenol	11.19	266	25431	7.590	ng		98
71) Phenanthrene	11.40	178	318617	11.744	ng		99
72) Anthracene	11.46	178	324130	11.914	ng		99
73) Carbazole	11.61	167	287999	11.358	ng		97
74) Di-n-butylphthalate	11.94	149	326788	11.597	ng		99
75) Fluoranthene	12.59	202	333569	11.728	ng		98
77) Benzidine	12.71	184	149439	11.779	ng		98
78) Pyrene	12.82	202	342665	10.051	ng		98
80) Butylbenzylphthalate	13.43	149	130261	9.216	ng		94
81) Benzo(a)anthracene	14.01	228	297071	10.396	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	101980	10.851	ng		99
83) Chrysene	14.04	228	287822	10.355	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	177860	10.006	ng		99
85) Di-n-octyl phthalate	14.61	149	283086	10.016	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	233076	8.695	ng		99
88) Benzo(b)fluoranthene	15.06	252	252513	9.511	ng		98
89) Benzo(k)fluoranthene	15.09	252	262402	11.194	ng		98
90) Benzo(a)pyrene	15.43	252	232343	9.973	ng		100
91) Dibenzo(a,h)anthracene	16.97	278	191805	9.157	ng		99
92) Benzo(g,h,i)perylene	17.40	276	181400	8.453	ng		99

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

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