Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108006.D
Acq On : 8 Aug 2018 9:06
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC2.5

Quant Time: Aug 08 11:54:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 11:29:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	280116	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1079319	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	564104	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	1138025	20.00	ng		0.00
75) Chrysene-d12	14.21	240	1041614	20.00	ng		0.00
86) Perylene-d12	15.78	264	971407	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	81971	4.77	ng		0.00
7) Phenol-d6	6.61	99	107279	4.63	ng		-0.02
23) Nitrobenzene-d5	7.57	82	95724	4.64	ng		-0.01
41) 2,4,6-Tribromophenol	10.85	330	22842	3.59	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	13.14	244	240659	5.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	20372	2.432	ng	#	90
3) Pyridine	3.68	79	48924	2.147	ng	#	80
4) n-Nitrosodimethylamine	3.62	42	26976	2.350	ng	#	76
6) Aniline	6.67	93	70174	2.318	ng		99
8) 2-Chlorophenol	6.79	128	44724	2.300	ng		92
9) Benzaldehyde	6.57	77	41230	2.820	ng		97
10) Phenol	6.62	94	55685	2.339	ng		92
11) bis(2-Chloroethyl)ether	6.74	93	44823	2.292	ng		92
12) 1,3-Dichlorobenzene	6.95	146	54087	2.391	ng		97
13) 1,4-Dichlorobenzene	7.03	146	53987	2.374	ng		99
14) 1,2-Dichlorobenzene	7.18	146	51117	2.405	ng		96
15) Benzyl Alcohol	7.14	79	41255	2.142	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	92040	2.331	ng		96
17) 2-Methylphenol	7.24	107	36530	2.211	ng		95
18) Hexachloroethane	7.53	117	18442	2.317	ng		94
19) n-Nitroso-di-n-propylamine	7.41	70	34691	2.156	ng	#	87
20) 3+4-Methylphenols	7.40	107	48386	2.235	ng		91
22) Acetophenone	7.41	105	67893	2.499	ng	#	92
24) Nitrobenzene	7.59	77	47870	2.201	ng		97
25) Isophorone	7.82	82	92851	2.565	ng		98
27) 2,4-Dimethylphenol	7.93	122	41632	2.572	ng		98
28) bis(2-Chloroethoxy)methane	8.03	93	57009	2.479	ng		98
29) 2,4-Dichlorophenol	8.14	162	34838	2.077	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	44430	2.381	ng		95
31) Naphthalene	8.32	128	138517	2.682	ng		98
33) 4-Chloroaniline	8.36	127	56189	2.394	ng		96
34) Hexachlorobutadiene	8.43	225	27355	2.284	ng		96
35) Caprolactam	8.68	113	10079	1.831	ng	#	75
36) 4-Chloro-3-methylphenol	8.82	107	37921	2.094	ng		99
37) 2-Methylnaphthalene	9.01	142	93880	2.675	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	47370	2.470	ng		98
40) Hexachlorocyclopentadiene	9.16	237	24494	2.228	ng		99
42) 2,4,6-Trichlorophenol	9.28	196	22740	1.782	ng		93
43) 2,4,5-Trichlorophenol	9.32	196	27406	2.092	ng	#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.48	154	120867	2.565	ng		98
46) 2-Chloronaphthalene	9.50	162	92166	2.479	ng		97
47) 2-Nitroaniline	9.59	65	20821	1.716	ng	#	85
48) Acenaphthylene	9.92	152	149935	2.734	ng		98
49) Dimethylphthalate	9.77	163	107540	2.503	ng		97
50) 2,6-Dinitrotoluene	9.83	165	17121	1.857	ng	#	88
51) Acenaphthene	10.10	154	86874	2.487	ng		100
52) 3-Nitroaniline	10.00	138	19611	1.893	ng	#	91
54) Dibenzofuran	10.27	168	132909	2.597	ng		100
56) 2,4-Dinitrotoluene	10.24	165	19706	1.695	ng	#	95
57) Fluorene	10.61	166	106342	2.769	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.38	232	20177	1.841	ng	#	87
59) Diethylphthalate	10.47	149	101746	2.392	ng		98
60) 4-Chlorophenyl-phenylether	10.60	204	52485	2.403	ng		90
61) 4-Nitroaniline	10.61	138	18681	1.880	ng		95
62) Azobenzene	10.76	77	106216	2.433	ng		94
65) n-Nitrosodiphenylamine	10.71	169	91606	2.418	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	32484	2.340	ng	#	85
67) Hexachlorobenzene	11.16	284	34123	2.309	ng	#	87
68) Atrazine	11.24	200	27213	2.242	ng		94
70) Phenanthrene	11.58	178	160840	2.844	ng		97
71) Anthracene	11.63	178	162510	2.779	ng		98
72) Carbazole	11.78	167	138394	2.475	ng		98
73) Di-n-butylphthalate	12.11	149	149152	2.309	ng		98
74) Fluoranthene	12.78	202	171112	2.689	ng		93
76) Benzidine	12.89	184	83619	2.143	ng		100
77) Pyrene	13.01	202	174123	2.431	ng		98
79) Butylbenzylphthalate	13.62	149	49342	1.641	ng	#	98
80) Benzo(a)anthracene	14.20	228	158394	2.527	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	46977	1.937	ng		98
82) Chrysene	14.24	228	153908	2.632	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	76503	1.886	ng		100
84) Di-n-octyl phthalate	14.80	149	114278	1.855	ng	#	87
85) Indeno(1,2,3-cd)pyrene	17.38	276	120948	2.449	ng	#	92
87) Benzo(b)fluoranthene	15.30	252	141655	2.446	ng		98
88) Benzo(k)fluoranthene	15.33	252	137705	2.445	ng	#	95
89) Benzo(a)pyrene	15.70	252	126332	2.393	ng	#	97
90) Dibenzo(a,h)anthracene	17.40	278	103318	2.336	ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	101334	2.366	ng	#	88

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

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