Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120818\
Data File : BF111222.D
Acq On : 8 Dec 2018 11:37
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
12/10/2018 4:58:45 PM

Quant Time: Dec 10 11:26:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 00:12:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	520726	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	2102232	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	997997	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1719753	20.00	ng		0.00
76) Chrysene-d12	13.95	240	1377593	20.00	ng		0.00
87) Perylene-d12	15.39	264	1356333	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	191378	5.74	ng		0.00
7) Phenol-d6	6.42	99	225793	5.27	ng		-0.02
23) Nitrobenzene-d5	7.35	82	195386	5.48	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	51380	6.40	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	405965	6.84	ng		0.00
79) Terphenyl-d14	12.90	244	284172	4.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	43861	2.330	ng		98
3) Pyridine	3.30	79	111208	2.598	ng		94
4) n-Nitrosodimethylamine	3.19	42	44990	2.180	ng	#	90
6) Aniline	6.45	93	137283	2.402	ng		95
8) 2-Chlorophenol	6.58	128	102567	2.673	ng		96
9) Benzaldehyde	6.34	77	83101	3.486	ng		98
10) Phenol	6.43	94	135111m	2.862	ng		
11) bis(2-Chloroethyl)ether	6.53	93	102802	2.687	ng		98
12) 1,3-Dichlorobenzene	6.74	146	113160	2.767	ng		100
13) 1,4-Dichlorobenzene	6.82	146	114925	2.790	ng		98
14) 1,2-Dichlorobenzene	6.97	146	106224	2.783	ng		92
15) Benzyl Alcohol	6.93	79	85619	2.533	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	173832	2.354	ng		98
17) 2-Methylphenol	7.05	107	74934	2.377	ng		97
18) Hexachloroethane	7.32	117	39611	2.572	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	74106	2.585	ng		98
20) 3+4-Methylphenols	7.20	107	104758	2.746	ng	#	84
22) Acetophenone	7.20	105	133942	2.653	ng	#	96
24) Nitrobenzene	7.37	77	100187	2.618	ng		97
25) Isophorone	7.61	82	158242	2.430	ng		94
26) 2-Nitrophenol	7.69	139	41782	2.520	ng		94
27) 2,4-Dimethylphenol	7.73	122	78892	2.595	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	121097	2.745	ng		97
29) 2,4-Dichlorophenol	7.93	162	80753	2.698	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	83521	2.762	ng		98
32) Benzoic acid	7.77	122	45265m	2.177	ng		
33) 4-Chloroaniline	8.15	127	120671	2.733	ng		95
34) Hexachlorobutadiene	8.23	225	45665	2.783	ng		92
35) Caprolactam	8.47	113	29545	2.684	ng	#	86
36) 4-Chloro-3-methylphenol	8.62	107	89198	2.736	ng		98
37) 2-Methylnaphthalene	8.79	142	184432	2.933	ng		97
38) 1-Methylnaphthalene	8.89	142	179313m	2.962	ng		
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	80473	3.021	ng		98
41) Hexachlorocyclopentadiene	8.95	237	39022	2.749	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	55097	2.820	ng		94
44) 2,4,5-Trichlorophenol	9.10	196	56566	2.848	ng		95
46) 1,1'-Biphenyl	9.26	154	252919	3.102	ng		95
47) 2-Chloronaphthalene	9.28	162	186461	2.940	ng		94
48) 2-Nitroaniline	9.37	65	52169	2.514	ng		90
50) Dimethylphthalate	9.55	163	198704	2.866	ng		99
51) 2,6-Dinitrotoluene	9.61	165	39018	2.633	ng		97
52) Acenaphthene	9.87	154	173082	2.946	ng		97
53) 3-Nitroaniline	9.77	138	47441	2.548	ng	#	93
56) 4-Nitrophenol	9.93	139	35891	2.544	ng		94
57) 2,4-Dinitrotoluene	10.01	165	44979	2.337	ng		98
58) Fluorene	10.38	166	187297	3.304	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	46133	3.106	ng		95
61) 4-Chlorophenyl-phenylether	10.37	204	88598	3.166	ng		98
62) 4-Nitroaniline	10.37	138	46085	2.716	ng		93
63) Azobenzene	10.53	77	212494	2.888	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	15740	2.067	ng		94
66) n-Nitrosodiphenylamine	10.49	169	174436	2.901	ng		96
67) 4-Bromophenyl-phenylether	10.86	248	53543	2.927	ng		95
68) Hexachlorobenzene	10.93	284	53058	2.834	ng		93
69) Atrazine	11.01	200	53963	3.297	ng		97
70) Pentachlorophenol	11.12	266	34044	2.736	ng		98
72) Anthracene	11.39	178	267404	3.209	ng		95
73) Carbazole	11.54	167	274449	3.160	ng	#	93
74) Di-n-butylphthalate	11.89	149	244913	2.411	ng		95
75) Fluoranthene	12.53	202	204513	2.520	ng		94
77) Benzidine	12.64	184	97977	2.097	ng		95
78) Pyrene	12.75	202	213303	2.008	ng		96
80) Butylbenzylphthalate	13.38	149	117480	2.284	ng		93
81) Benzo(a)anthracene	13.94	228	211779	2.650	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	91440	2.995	ng		97
83) Chrysene	13.97	228	219863	2.749	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	162578	2.627	ng		98
85) Di-n-octyl phthalate	14.56	149	290492	2.940	ng		99
86) Indeno(1,2,3-cd)pyrene	16.79	276	134291	2.081	ng		99
88) Benzo(b)fluoranthene	14.97	252	212317m	2.764	ng		
89) Benzo(k)fluoranthene	15.00	252	193528	2.617	ng		97
90) Benzo(a)pyrene	15.32	252	192080	2.729	ng		98
91) Dibenzo(a,h)anthracene	16.81	278	115276	1.954	ng		97
92) Benzo(g,h,i)perylene	17.22	276	108509	1.830	ng	#	92

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

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