Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088500.D
Acq On : 29 Jun 2016 18:37
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
sohil
6/30/2016 7:45:59 PM

Quant Time: Jun 30 01:19:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 01:10:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	134456	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	502150	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	224968	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	399763	20.00	ng		0.00
75) Chrysene-d12	13.95	240	252519	20.00	ng		-0.01
86) Perylene-d12	15.36	264	269896	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	186676	23.26	ng		-0.01
7) Phenol-d6	6.43	99	220633	22.41	ng		-0.02
23) Nitrobenzene-d5	7.38	82	204261	23.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	35457	15.63	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	351196	20.68	ng		-0.01
78) Terphenyl-d14	12.91	244	267117	23.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	45684	11.65	ng	#	30
3) Pyridine	3.10	79	131506	13.85	ng		99
4) n-Nitrosodimethylamine	3.03	42	48971	12.23	ng	#	95
6) Aniline	6.48	93	163662	11.66	ng		91
8) 2-Chlorophenol	6.59	128	94734	10.14	ng		92
9) Benzaldehyde	6.36	77	38958	6.37	ng		89
10) Phenol	6.46	94	123166	10.09	ng		80
11) bis(2-Chloroethyl)ether	6.55	93	94491	11.00	ng		95
12) 1,3-Dichlorobenzene	6.76	146	103586m	10.32	ng		
13) 1,4-Dichlorobenzene	6.83	146	100106m	9.82	ng		
14) 1,2-Dichlorobenzene	6.99	146	103945	11.44	ng		93
15) Benzyl Alcohol	6.96	79	97753	12.65	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	153723	13.17	ng		99
17) 2-Methylphenol	7.07	107	83689	10.98	ng		94
18) Hexachloroethane	7.34	117	40632	11.27	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	82869	13.03	ng	#	92
20) 3+4-Methylphenols	7.22	107	105740	11.83	ng		98
22) Acetophenone	7.22	105	138149	12.23	ng	#	97
24) Nitrobenzene	7.39	77	98934	11.53	ng		95
25) Isophorone	7.63	82	191468	11.71	ng	#	90
26) 2-Nitrophenol	7.71	139	27239	6.35	ng	#	79
27) 2,4-Dimethylphenol	7.76	122	97104	11.90	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	127114	12.67	ng		99
29) 2,4-Dichlorophenol	7.95	162	71543	10.37	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	80337	10.70	ng	#	96
31) Naphthalene	8.12	128	302854	12.05	ng		99
32) Benzoic acid	7.80	122	16654	4.06	ng		97
33) 4-Chloroaniline	8.17	127	127016	11.51	ng	#	91
34) Hexachlorobutadiene	8.25	225	43500	11.15	ng		98
35) Caprolactam	8.50	113	20972	9.46	ng		96
36) 4-Chloro-3-methylphenol	8.65	107	76535	10.30	ng		98
37) 2-Methylnaphthalene	8.81	142	175916	10.78	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	78483	11.92	ng	#	100
40) Hexachlorocyclopentadiene	8.97	237	33816	9.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	44229	9.83	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	43704	9.32	ng	#	89
45) 1,1'-Biphenyl	9.28	154	230222	12.52	ng		96
46) 2-Chloronaphthalene	9.30	162	180905	12.36	ng		93
47) 2-Nitroaniline	9.39	65	38332	9.08	ng	#	73
48) Acenaphthylene	9.71	152	283393	12.08	ng		100
49) Dimethylphthalate	9.58	163	200896	12.19	ng		98
50) 2,6-Dinitrotoluene	9.63	165	34364	9.02	ng		93
51) Acenaphthene	9.88	154	164292	11.34	ng		100
52) 3-Nitroaniline	9.79	138	32181	7.68	ng	#	84
53) 2,4-Dinitrophenol	9.90	184	2721	2.30	ng	#	1
54) Dibenzofuran	10.06	168	245254	12.27	ng		94
55) 4-Nitrophenol	9.94	139	20524	6.47	ng		95
56) 2,4-Dinitrotoluene	10.03	165	37386	7.68	ng		97
57) Fluorene	10.40	166	189004	12.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	34841	9.64	ng		95
59) Diethylphthalate	10.27	149	180458	10.83	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	80295	12.07	ng	#	87
61) 4-Nitroaniline	10.40	138	30326	7.63	ng		81
62) Azobenzene	10.55	77	207173	12.28	ng		93
64) 4,6-Dinitro-2-methylphenol	10.43	198	6011	3.12	ng		89
65) n-Nitrosodiphenylamine	10.51	169	152204	11.56	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	44546	10.44	ng	#	74
67) Hexachlorobenzene	10.95	284	48293	10.89	ng	#	73
68) Atrazine	11.04	200	40014	10.12	ng		92
69) Pentachlorophenol	11.13	266	16693	7.37	ng		98
70) Phenanthrene	11.36	178	244308	11.55	ng		96
71) Anthracene	11.40	178	263602	12.46	ng		100
72) Carbazole	11.55	167	202658	10.14	ng		98
73) Di-n-butylphthalate	11.91	149	265068	10.62	ng	#	97
74) Fluoranthene	12.54	202	226075	10.49	ng		93
76) Benzidine	12.66	184	50294	6.95	ng		99
77) Pyrene	12.76	202	223292	11.53	ng		98
79) Butylbenzylphthalate	13.39	149	86441	10.15	ng		88
80) Benzo(a)anthracene	13.94	228	168555	11.12	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	51291	12.42	ng	#	93
82) Chrysene	13.98	228	153379	10.84	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	119982	11.17	ng	#	94
84) Di-n-octyl phthalate	14.57	149	204760	11.79	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	183107	13.44	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	156490m	8.50	ng		
88) Benzo(k)fluoranthene	14.98	252	153083m	10.68	ng		
89) Benzo(a)pyrene	15.30	252	153987	10.18	ng	#	94
90) Dibenzo(a,h)anthracene	16.72	278	152807	10.70	ng	#	95
91) Benzo(g,h,i)perylene	17.11	276	156502	10.65	ng		97

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

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