Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086826.D
Acq On : 9 May 2016 15:35
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF050916

Manual Integrations APPROVED
sohil
5/10/2016 11:06:36 AM

Quant Time: May 09 16:08:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	174995	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	744234	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	361509	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	663722	20.00	ng		0.00
75) Chrysene-d12	13.84	240	493762	20.00	ng		0.00
86) Perylene-d12	15.21	264	400991	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	841770	81.46	ng		0.00
7) Phenol-d6	6.36	99	1072849	77.69	ng		0.00
23) Nitrobenzene-d5	7.26	82	1138801	76.83	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	304789	79.64	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1507061	70.06	ng		0.00
78) Terphenyl-d14	12.80	244	1756237	75.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	201247	39.67	ng	#	72
3) Pyridine	2.85	79	538788	43.44	ng	#	59
4) n-Nitrosodimethylamine	2.81	42	367789	40.90	ng	#	49
6) Aniline	6.36	93	652284	39.05	ng	#	68
8) 2-Chlorophenol	6.49	128	478846	38.40	ng		99
9) Benzaldehyde	6.24	77	295193	36.91	ng		94
10) Phenol	6.37	94	608622	37.08	ng		79
11) bis(2-Chloroethyl)ether	6.44	93	518535	40.51	ng		93
12) 1,3-Dichlorobenzene	6.62	146	500189	37.07	ng	#	89
13) 1,4-Dichlorobenzene	6.70	146	508427	36.95	ng	#	91
14) 1,2-Dichlorobenzene	6.86	146	483481	40.31	ng		99
15) Benzyl Alcohol	6.85	79	379066	39.75	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1027892	36.94	ng		60
17) 2-Methylphenol	6.98	107	396953	40.01	ng	#	84
18) Hexachloroethane	7.21	117	197465	38.14	ng	#	78
19) n-Nitroso-di-n-propylamine	7.13	70	404087	41.87	ng	#	76
20) 3+4-Methylphenols	7.14	107	516457	39.85	ng	#	57
22) Acetophenone	7.12	105	670453	38.14	ng	#	98
24) Nitrobenzene	7.29	77	597164	39.17	ng		98
25) Isophorone	7.53	82	1020359	37.10	ng		98
26) 2-Nitrophenol	7.61	139	272344	40.64	ng		97
27) 2,4-Dimethylphenol	7.65	122	395488	34.64	ng		88
28) bis(2-Chloroethoxy)methane	7.74	93	594320	40.07	ng		98
29) 2,4-Dichlorophenol	7.86	162	379566	37.77	ng		91
30) 1,2,4-Trichlorobenzene	7.93	180	430508	38.32	ng		99
31) Naphthalene	8.01	128	1405057	37.69	ng		100
32) Benzoic acid	7.81	122	292695	43.65	ng	#	80
33) 4-Chloroaniline	8.06	127	576228	39.78	ng	#	92
34) Hexachlorobutadiene	8.12	225	247759	38.01	ng		99
35) Caprolactam	8.45	113	126900	37.12	ng	#	50
36) 4-Chloro-3-methylphenol	8.57	107	463421	38.03	ng		96
37) 2-Methylnaphthalene	8.69	142	867551	39.81	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	384794	36.61	ng		99
40) Hexachlorocyclopentadiene	8.84	237	194070	38.90	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	263106	37.43	ng		96
43) 2,4,5-Trichlorophenol	9.02	196	286915	39.47	ng	#	88
45) 1,1'-Biphenyl	9.16	154	1184387	41.19	ng		98
46) 2-Chloronaphthalene	9.18	162	904964	40.17	ng		99
47) 2-Nitroaniline	9.29	65	308998	37.53	ng	#	73
48) Acenaphthylene	9.60	152	1367186	41.26	ng		99
49) Dimethylphthalate	9.47	163	1029824	37.34	ng		100
50) 2,6-Dinitrotoluene	9.53	165	218596	37.66	ng	#	70
51) Acenaphthene	9.77	154	861115	41.78	ng		98
52) 3-Nitroaniline	9.70	138	234580	38.39	ng	#	76
53) 2,4-Dinitrophenol	9.81	184	104295	39.47	ng	#	85
54) Dibenzofuran	9.94	168	1106024	41.80	ng		98
55) 4-Nitrophenol	9.89	139	157536	41.02	ng		85
56) 2,4-Dinitrotoluene	9.94	165	282872	39.38	ng		85
57) Fluorene	10.28	166	928962	41.17	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	220636	40.32	ng		98
59) Diethylphthalate	10.17	149	1077977	40.11	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	390532	38.32	ng		98
61) 4-Nitroaniline	10.32	138	247896	42.24	ng	#	71
62) Azobenzene	10.43	77	1127392	38.88	ng		87
64) 4,6-Dinitro-2-methylphenol	10.34	198	157205	38.13	ng	#	31
65) n-Nitrosodiphenylamine	10.40	169	775870	38.05	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	277346	41.21	ng	#	85
67) Hexachlorobenzene	10.82	284	285072	36.25	ng	#	71
68) Atrazine	10.93	200	271659	39.88	ng		96
69) Pentachlorophenol	11.02	266	158507	43.61	ng		96
70) Phenanthrene	11.23	178	1244515	35.14	ng		99
71) Anthracene	11.29	178	1463056	40.39	ng		100
72) Carbazole	11.45	167	1205263	38.70	ng		98
73) Di-n-butylphthalate	11.78	149	1489820	39.18	ng	#	99
74) Fluoranthene	12.42	202	1496210	41.07	ng		93
76) Benzidine	12.54	184	544842	43.28	ng		99
77) Pyrene	12.64	202	1383006	36.59	ng		99
79) Butylbenzylphthalate	13.27	149	587006	36.71	ng	#	67
80) Benzo(a)anthracene	13.83	228	1036508	37.39	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	703881	39.97	ng	#	94
82) Chrysene	13.86	228	996875	35.36	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	713609	37.10	ng	#	97
84) Di-n-octyl phthalate	14.43	149	1228162	38.55	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	886737	37.80	ng		95
87) Benzo(b)fluoranthene	14.83	252	952424m	36.55	ng		
88) Benzo(k)fluoranthene	14.85	252	847911m	39.74	ng		
89) Benzo(a)pyrene	15.15	252	847586	37.71	ng	#	96
90) Dibenzo(a,h)anthracene	16.51	278	726532	38.35	ng		98
91) Benzo(g,h,i)perylene	16.89	276	742202	38.56	ng		94

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

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