Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
Data File : BF089325.D
Acq On : 27 Jul 2016 12:22
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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sohil
7/28/2016 4:55:36 PM

Quant Time: Jul 27 13:07:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 11:51:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43291	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	180838	20.00	ng	0.01
38) Acenaphthene-d10	9.58	164	84595	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	160567	20.00	ng	0.00
75) Chrysene-d12	13.67	240	101159	20.00	ng	0.00
86) Perylene-d12	15.01	264	80897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	447603	158.06	ng	0.01
7) Phenol-d6	6.22	99	535037	145.56	ng	0.01
23) Nitrobenzene-d5	7.13	82	500206	148.03	ng	0.01
41) 2,4,6-Tribromophenol	10.38	330	116313	152.55	ng	0.01
44) 2-Fluorobiphenyl	8.91	172	823871	135.88	ng	0.00
78) Terphenyl-d14	12.64	244	765626	164.68	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.95	88	94376	77.52	ng	99
3) Pyridine	2.56	79	221968	71.68	ng	99
4) n-Nitrosodimethylamine	2.55	42	93654	73.75	ng	97
6) Aniline	6.22	93	315014	65.02	ng	93
8) 2-Chlorophenol	6.33	128	235031	74.12	ng	86
9) Benzaldehyde	6.09	77	141111	73.03	ng	96
10) Phenol	6.23	94	297025	70.58	ng	99
11) bis(2-Chloroethyl)ether	6.30	93	235615	74.17	ng	92
12) 1,3-Dichlorobenzene	6.49	146	247805m	71.16	ng	
13) 1,4-Dichlorobenzene	6.56	146	262340	73.98	ng	97
14) 1,2-Dichlorobenzene	6.72	146	257673	78.29	ng	96
15) Benzyl Alcohol	6.71	79	175275	67.13	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.84	45	272592	74.99	ng	87
17) 2-Methylphenol	6.83	107	180984	73.59	ng	95
18) Hexachloroethane	7.05	117	96835	72.89	ng	96
19) n-Nitroso-di-n-propylamine	6.99	70	171415	72.65	ng	94
20) 3+4-Methylphenols	6.99	107	228923	68.61	ng	88
22) Acetophenone	6.98	105	355126	74.81	ng	99
24) Nitrobenzene	7.15	77	262416	73.89	ng	93
25) Isophorone	7.39	82	488332	78.29	ng	100
26) 2-Nitrophenol	7.46	139	133270	80.29	ng	97
27) 2,4-Dimethylphenol	7.52	122	212963	76.13	ng	97
28) bis(2-Chloroethoxy)methane	7.61	93	281373	73.49	ng	97
29) 2,4-Dichlorophenol	7.71	162	179759	71.15	ng	94
30) 1,2,4-Trichlorobenzene	7.78	180	213264	76.57	ng	97
31) Naphthalene	7.86	128	672141	69.47	ng	100
32) Benzoic acid	7.71	122	143765	69.27	ng	95
33) 4-Chloroaniline	7.92	127	278264	69.70	ng	96
34) Hexachlorobutadiene	7.98	225	111246	71.49	ng	100
35) Caprolactam	8.33	113	55401	71.41	ng	98
36) 4-Chloro-3-methylphenol	8.42	107	231614	76.07	ng	99
37) 2-Methylnaphthalene	8.55	142	446212	73.59	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	242545	77.80	ng	99
40) Hexachlorocyclopentadiene	8.70	237	69048	84.77	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	120088	70.43	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	144997	83.08	ng	#	91
45) 1,1'-Biphenyl	9.02	154	580241	76.69	ng		97
46) 2-Chloronaphthalene	9.04	162	431234	75.02	ng		93
47) 2-Nitroaniline	9.14	65	137189	70.71	ng	#	84
48) Acenaphthylene	9.44	152	632832	69.56	ng		99
49) Dimethylphthalate	9.34	163	521415	81.05	ng		100
50) 2,6-Dinitrotoluene	9.39	165	118370	81.97	ng		89
51) Acenaphthene	9.61	154	370112	69.18	ng		100
52) 3-Nitroaniline	9.56	138	112677	67.13	ng		95
53) 2,4-Dinitrophenol	9.67	184	48071	86.71	ng		93
54) Dibenzofuran	9.78	168	497067	68.97	ng		96
55) 4-Nitrophenol	9.75	139	52481m	54.08	ng		
56) 2,4-Dinitrotoluene	9.79	165	141731	75.64	ng	#	84
57) Fluorene	10.12	166	412029	68.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	93904	74.69	ng		95
59) Diethylphthalate	10.02	149	486763	75.91	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	213923	76.58	ng	#	90
61) 4-Nitroaniline	10.18	138	112117	67.28	ng		90
62) Azobenzene	10.28	77	525977	75.59	ng		90
64) 4,6-Dinitro-2-methylphenol	10.20	198	81054	87.96	ng		94
65) n-Nitrosodiphenylamine	10.25	169	401246	74.87	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	120204	75.53	ng	#	78
67) Hexachlorobenzene	10.67	284	131604	77.89	ng	#	77
68) Atrazine	10.79	200	127942	76.62	ng		98
69) Pentachlorophenol	10.87	266	60586	80.07	ng		98
70) Phenanthrene	11.07	178	593937	67.08	ng		99
71) Anthracene	11.13	178	704970	77.54	ng		99
72) Carbazole	11.29	167	580833	73.58	ng		98
73) Di-n-butylphthalate	11.63	149	859704	85.60	ng		99
74) Fluoranthene	12.25	202	617794	66.24	ng		95
76) Benzidine	12.39	184	304568	86.94	ng		96
77) Pyrene	12.48	202	657362	80.44	ng		99
79) Butylbenzylphthalate	13.11	149	291807	82.42	ng		90
80) Benzo(a)anthracene	13.66	228	460408	72.34	ng		100
81) 3,3'-Dichlorobenzidine	13.63	252	163126	78.06	ng	#	97
82) Chrysene	13.70	228	496421	82.30	ng		99
83) Bis(2-ethylhexyl)phthalate	13.68	149	443899	93.91	ng	#	94
84) Di-n-octyl phthalate	14.29	149	671851	87.10	ng		99
85) Indeno(1,2,3-cd)pyrene	16.22	276	368364	83.74	ng		99
87) Benzo(b)fluoranthene	14.65	252	467271m	84.09	ng		
88) Benzo(k)fluoranthene	14.69	252	283842m	64.20	ng		
89) Benzo(a)pyrene	14.96	252	354664	77.96	ng	#	95
90) Dibenzo(a,h)anthracene	16.22	278	303631	84.66	ng		99
91) Benzo(g,h,i)perylene	16.57	276	304831	84.40	ng		94

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

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