Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089815.D
Acq On : 19 Aug 2016 23:59
Operator : UM/SJ
Sample : H4518-11MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A-2(8-15)MS

Manual Integrations APPROVED
sohil
8/22/2016 3:48:33 PM

Quant Time: Aug 22 02:30:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	578626	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2267195	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	990961	20.00	ng		0.01
63) Phenanthrene-d10	11.20	188	1640879	20.00	ng		0.01
75) Chrysene-d12	13.84	240	1099410	20.00	ng		-0.03
86) Perylene-d12	15.27	264	1229799	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	3985987	118.13	ng		0.02
7) Phenol-d6	6.33	99	5593933	135.06	ng		0.01
23) Nitrobenzene-d5	7.26	82	2814919	77.13	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	1134221	120.44	ng		0.01
44) 2-Fluorobiphenyl	9.05	172	3789083	67.20	ng		0.00
78) Terphenyl-d14	12.78	244	2704015	55.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	683572	40.94	ng		97
3) Pyridine	2.89	79	1993301	45.51	ng		93
4) n-Nitrosodimethylamine	2.86	42	790239	48.46	ng	#	76
6) Aniline	6.39	93	1570776	28.27	ng		98
8) 2-Chlorophenol	6.47	128	1730182	42.88	ng		96
9) Benzaldehyde	6.23	77	498193m	18.47	ng		
10) Phenol	6.35	94	2273118	46.82	ng		75
11) bis(2-Chloroethyl)ether	6.43	93	1981886	52.65	ng		94
12) 1,3-Dichlorobenzene	6.63	146	1991446m	47.21	ng		
13) 1,4-Dichlorobenzene	6.71	146	2071380	47.77	ng		94
14) 1,2-Dichlorobenzene	6.86	146	1757783m	43.43	ng		
15) Benzyl Alcohol	6.83	79	1297070	47.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2211151	45.90	ng		90
17) 2-Methylphenol	6.96	107	1603602	50.74	ng		96
18) Hexachloroethane	7.20	117	676376	43.74	ng	#	90
19) n-Nitroso-di-n-propylamine	7.12	70	1245347	47.01	ng		89
20) 3+4-Methylphenols	7.11	107	1968335	50.80	ng	#	82
22) Acetophenone	7.11	105	2271344	43.63	ng	#	89
24) Nitrobenzene	7.28	77	2022363	49.39	ng	#	83
25) Isophorone	7.52	82	3421750	46.49	ng	#	93
26) 2-Nitrophenol	7.59	139	832462	40.75	ng	#	79
27) 2,4-Dimethylphenol	7.64	122	1791798	48.67	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	2224948	48.86	ng		96
29) 2,4-Dichlorophenol	7.84	162	1532062	49.59	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	1605948	47.00	ng		97
31) Naphthalene	8.00	128	5035501	47.52	ng		98
32) Benzoic acid	7.70	122	109334	3.81	ng		99
33) 4-Chloroaniline	8.04	127	840584	18.30	ng	#	91
34) Hexachlorobutadiene	8.12	225	810947	45.32	ng		97
35) Caprolactam	8.41	113	390688	41.53	ng		91
36) 4-Chloro-3-methylphenol	8.54	107	1447838	43.27	ng		95
37) 2-Methylnaphthalene	8.68	142	3063690	44.69	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1236888	38.55	ng	#	96
40) Hexachlorocyclopentadiene	8.84	237	610117	54.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	944023	46.76	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	969036	48.26	ng		97
45) 1,1'-Biphenyl	9.15	154	3496408	45.59	ng		94
46) 2-Chloronaphthalene	9.16	162	2857484	47.14	ng		99
47) 2-Nitroaniline	9.27	65	970314	56.12	ng		88
48) Acenaphthylene	9.59	152	4484409	49.23	ng		100
49) Dimethylphthalate	9.46	163	4543661	65.12	ng	#	97
50) 2,6-Dinitrotoluene	9.52	165	802929	49.84	ng	#	64
51) Acenaphthene	9.76	154	2832467	46.98	ng		99
52) 3-Nitroaniline	9.68	138	694266	38.90	ng	#	75
53) 2,4-Dinitrophenol	9.77	184	32930	7.58	ng	#	84
54) Dibenzofuran	9.93	168	4056805	53.57	ng		90
55) 4-Nitrophenol	9.85	139	1309744	89.91	ng	#	71
56) 2,4-Dinitrotoluene	9.91	165	904438	43.27	ng	#	63
57) Fluorene	10.26	166	2771843	45.93	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	742690	50.82	ng	#	99
59) Diethylphthalate	10.16	149	3414648	48.17	ng		96
60) 4-Chlorophenyl-phenylether	10.26	204	1197482	43.50	ng		93
61) 4-Nitroaniline	10.28	138	704111	42.08	ng		97
62) Azobenzene	10.42	77	3295077	49.45	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	65029	6.90	ng		76
65) n-Nitrosodiphenylamine	10.39	169	2875706	55.74	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	883376	51.35	ng	#	84
67) Hexachlorobenzene	10.81	284	890733	45.39	ng	#	83
68) Atrazine	10.91	200	718721	45.49	ng		97
69) Pentachlorophenol	11.00	266	846076	76.06	ng		98
70) Phenanthrene	11.22	178	4022749	48.54	ng		95
71) Anthracene	11.27	178	3922715	46.56	ng		99
72) Carbazole	11.43	167	3615006	47.84	ng		97
73) Di-n-butylphthalate	11.78	149	4975884	52.63	ng	#	98
74) Fluoranthene	12.40	202	3483241	44.19	ng		92
76) Benzidine	12.53	184	1575875	44.29	ng		98
77) Pyrene	12.63	202	3535577	39.49	ng		97
79) Butylbenzylphthalate	13.27	149	1845748	45.65	ng		99
80) Benzo(a)anthracene	13.83	228	2893541	45.96	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	968792	46.93	ng		98
82) Chrysene	13.86	228	2456928m	45.52	ng		
83) Bis(2-ethylhexyl)phthalate	13.85	149	2393425	42.97	ng		97
84) Di-n-octyl phthalate	14.50	149	3881776	52.45	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.56	276	3428418	49.78	ng		100
87) Benzo(b)fluoranthene	14.89	252	3863309m	57.10	ng		
88) Benzo(k)fluoranthene	14.93	252	2153083m	35.08	ng		
89) Benzo(a)pyrene	15.22	252	3091848	48.28	ng	#	95
90) Dibenzo(a,h)anthracene	16.58	278	2907592	41.83	ng		98
91) Benzo(g,h,i)perylene	16.95	276	2731569	37.32	ng		96

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

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