Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088418.D
Acq On : 26 Jun 2016 15:06
Operator : UM/SJ
Sample : H3624-17MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Manual Integrations APPROVED
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6/27/2016 8:01:53 PM

Quant Time: Jun 27 17:23:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	71024m	20.00	ng		-0.06
21) Naphthalene-d8	7.84	136	293670	20.00	ng		-0.06
38) Acenaphthene-d10	9.58	164	133837	20.00	ng		-0.07
63) Phenanthrene-d10	11.06	188	253143	20.00	ng		-0.06
75) Chrysene-d12	13.69	240	169725	20.00	ng		-0.06
86) Perylene-d12	15.03	264	166844	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	543700	130.87	ng		-0.03
7) Phenol-d6	6.23	99	635556	126.23	ng		-0.03
23) Nitrobenzene-d5	7.13	82	387899	77.13	ng		-0.05
41) 2,4,6-Tribromophenol	10.38	330	155437	109.99	ng		-0.06
44) 2-Fluorobiphenyl	8.91	172	594411	68.71	ng		-0.06
78) Terphenyl-d14	12.64	244	529930	71.05	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	70172	34.76	ng	#	35
3) Pyridine	2.64	79	162589	34.11	ng		90
4) n-Nitrosodimethylamine	2.60	42	73677	36.50	ng		79
6) Aniline	6.22	93	116272m	16.22	ng		
8) 2-Chlorophenol	6.34	128	230935	46.96	ng		86
10) Phenol	6.24	94	290383	56.49	ng		96
11) bis(2-Chloroethyl)ether	6.30	93	223697	50.67	ng		88
12) 1,3-Dichlorobenzene	6.49	146	220009m	41.70	ng		
13) 1,4-Dichlorobenzene	6.57	146	227690m	42.84	ng		
14) 1,2-Dichlorobenzene	6.72	146	216880	44.87	ng		96
15) Benzyl Alcohol	6.72	79	154413	39.20	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	208547	34.96	ng	#	1
17) 2-Methylphenol	6.84	107	183273m	45.96	ng		
18) Hexachloroethane	7.05	117	76519m	40.57	ng		
19) n-Nitroso-di-n-propylamine	6.98	70	142398	44.21	ng		90
20) 3+4-Methylphenols	7.00	107	224665	48.28	ng	#	78
22) Acetophenone	6.98	105	308893	47.07	ng	#	95
24) Nitrobenzene	7.14	77	195856	40.20	ng		88
25) Isophorone	7.39	82	402140	43.17	ng		95
26) 2-Nitrophenol	7.46	139	121296	46.48	ng		90
27) 2,4-Dimethylphenol	7.52	122	185229	38.55	ng		93
28) bis(2-Chloroethoxy)methane	7.61	93	259718	44.95	ng		98
29) 2,4-Dichlorophenol	7.71	162	193931	48.34	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	180203	41.25	ng		99
31) Naphthalene	7.86	128	642427	44.21	ng		98
32) Benzoic acid	7.66	122	7718	2.92	ng	#	77
33) 4-Chloroaniline	7.93	127	96245	14.83	ng	#	94
34) Hexachlorobutadiene	7.98	225	96390	41.84	ng		98
35) Caprolactam	8.31	113	60411m	45.46	ng		
36) 4-Chloro-3-methylphenol	8.43	107	199075	46.40	ng		98
37) 2-Methylnaphthalene	8.55	142	395148m	41.25	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	173657	53.06	ng	#	1
40) Hexachlorocyclopentadiene	8.70	237	38754	17.95	ng		99
42) 2,4,6-Trichlorophenol	8.84	196	112751	42.13	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.89	196	118880	42.69	ng	#	88
45) 1,1'-Biphenyl	9.02	154	505530	51.17	ng		96
46) 2-Chloronaphthalene	9.04	162	386112	44.58	ng		94
47) 2-Nitroaniline	9.15	65	115622	45.26	ng	#	57
48) Acenaphthylene	9.44	152	602240	43.72	ng		100
49) Dimethylphthalate	9.32	163	567132	58.50	ng		100
50) 2,6-Dinitrotoluene	9.39	165	110377	49.71	ng	#	82
51) Acenaphthene	9.61	154	335397	39.03	ng		99
52) 3-Nitroaniline	9.56	138	65271	25.48	ng		83
53) 2,4-Dinitrophenol	9.69	184	18011	20.14	ng		90
54) Dibenzofuran	9.78	168	508199	42.94	ng	#	82
55) 4-Nitrophenol	9.76	139	84202m	42.34	ng		
56) 2,4-Dinitrotoluene	9.80	165	137636	48.24	ng		95
57) Fluorene	10.12	166	381807	48.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	106416	48.63	ng	#	59
59) Diethylphthalate	10.02	149	465598	47.44	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	173311	44.03	ng		98
61) 4-Nitroaniline	10.18	138	108775	44.76	ng		99
62) Azobenzene	10.28	77	389900m	40.18	ng		
64) 4,6-Dinitro-2-methylphenol	10.22	198	52954	34.16	ng	#	65
65) n-Nitrosodiphenylamine	10.25	169	377112	44.90	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	110746	40.78	ng	#	79
67) Hexachlorobenzene	10.67	284	117037	41.48	ng	#	87
68) Atrazine	10.79	200	125606	49.38	ng		95
69) Pentachlorophenol	10.88	266	100217	67.38	ng		97
70) Phenanthrene	11.08	178	674893	50.81	ng		99
71) Anthracene	11.13	178	627902	46.86	ng		99
72) Carbazole	11.30	167	619497	49.41	ng		98
73) Di-n-butylphthalate	11.63	149	715804	45.10	ng		98
74) Fluoranthene	12.26	202	832847	59.41	ng		99
76) Benzidine	12.40	184	119265	25.38	ng		97
77) Pyrene	12.49	202	855947	67.96	ng		99
79) Butylbenzylphthalate	13.11	149	282533	50.74	ng	#	81
80) Benzo(a)anthracene	13.67	228	547862	56.64	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	74674	28.71	ng	#	98
82) Chrysene	13.71	228	559353	61.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	345893	51.03	ng	#	97
84) Di-n-octyl phthalate	14.29	149	674724	61.26	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.26	276	429825	50.84	ng	#	100
87) Benzo(b)fluoranthene	14.67	252	492473m	42.35	ng		
88) Benzo(k)fluoranthene	14.70	252	437849m	49.91	ng		
89) Benzo(a)pyrene	14.98	252	441168	46.89	ng		98
90) Dibenzo(a,h)anthracene	16.26	278	348179	39.84	ng		98
91) Benzo(g,h,i)perylene	16.63	276	372397	41.43	ng		96

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

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