Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088719.D
Acq On : 5 Jul 2016 23:08
Operator : UM/SJ
Sample : H3871-11MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K8-B2(0-11)CMSD

Manual Integrations APPROVED
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7/6/2016 7:20:20 PM

Quant Time: Jul 06 02:14:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	98208	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	391700	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	188374	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	358599	20.00	ng		0.00
75) Chrysene-d12	13.91	240	254828	20.00	ng		-0.01
86) Perylene-d12	15.29	264	187921	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	592853	90.47	ng		0.00
7) Phenol-d6	6.41	99	724014	85.51	ng		0.00
23) Nitrobenzene-d5	7.34	82	474706	63.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	175098	100.10	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	875500	73.41	ng		0.00
78) Terphenyl-d14	12.87	244	703137	61.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	63852	19.65	ng	#	26
3) Pyridine	3.07	79	120370	12.77	ng		92
4) n-Nitrosodimethylamine	3.00	42	53229	14.78	ng		88
6) Aniline	6.43	93	164179	13.31	ng		97
8) 2-Chlorophenol	6.56	128	141929	20.15	ng		92
9) Benzaldehyde	6.32	77	83432	14.55	ng		98
10) Phenol	6.42	94	158214	16.37	ng	#	65
11) bis(2-Chloroethyl)ether	6.51	93	139092	19.30	ng		87
12) 1,3-Dichlorobenzene	6.71	146	129213	16.67	ng	#	93
13) 1,4-Dichlorobenzene	6.79	146	133684	17.38	ng		94
14) 1,2-Dichlorobenzene	6.95	146	132495	18.40	ng		96
15) Benzyl Alcohol	6.91	79	124785	20.02	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	164333	15.75	ng		89
17) 2-Methylphenol	7.03	107	110048	19.15	ng		96
18) Hexachloroethane	7.29	117	52202	17.54	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	97056	17.06	ng		92
20) 3+4-Methylphenols	7.19	107	146212	21.20	ng	#	87
22) Acetophenone	7.19	105	196181	20.64	ng	#	90
24) Nitrobenzene	7.36	77	155251	20.60	ng		96
25) Isophorone	7.60	82	288992	20.87	ng		99
26) 2-Nitrophenol	7.68	139	67117	21.72	ng	#	76
27) 2,4-Dimethylphenol	7.71	122	121108	18.82	ng		87
28) bis(2-Chloroethoxy)methane	7.82	93	188213	20.89	ng	#	96
29) 2,4-Dichlorophenol	7.92	162	119382	22.95	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	110743	19.40	ng		99
31) Naphthalene	8.08	128	392905	20.35	ng		99
32) Benzoic acid	7.79	122	28369	6.07	ng		90
33) 4-Chloroaniline	8.12	127	124823	14.53	ng		94
34) Hexachlorobutadiene	8.20	225	64177	21.00	ng		98
35) Caprolactam	8.48	113	35659m	20.18	ng		
36) 4-Chloro-3-methylphenol	8.62	107	135164	21.97	ng		95
37) 2-Methylnaphthalene	8.76	142	257740	20.73	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	109143	17.42	ng	#	1
40) Hexachlorocyclopentadiene	8.92	237	128470	41.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	84373	20.42	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	87216	24.54	ng	#	90
45) 1,1'-Biphenyl	9.23	154	333972	21.41	ng		99
46) 2-Chloronaphthalene	9.26	162	257079	20.99	ng		99
47) 2-Nitroaniline	9.35	65	84735	19.50	ng		96
48) Acenaphthylene	9.67	152	401299	20.60	ng		99
49) Dimethylphthalate	9.54	163	401967	29.95	ng		97
50) 2,6-Dinitrotoluene	9.60	165	66313	22.29	ng		91
51) Acenaphthene	9.84	154	254137	21.28	ng		98
52) 3-Nitroaniline	9.76	138	69741	18.44	ng		98
53) 2,4-Dinitrophenol	9.86	184	34172	26.02	ng		88
54) Dibenzofuran	10.01	168	349990	22.39	ng	#	88
55) 4-Nitrophenol	9.93	139	158340	55.11	ng	#	64
56) 2,4-Dinitrotoluene	10.00	165	84977	21.85	ng		94
57) Fluorene	10.35	166	286523	23.78	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	61189	22.25	ng	#	51
59) Diethylphthalate	10.24	149	314656	23.36	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	127816	22.83	ng	#	88
61) 4-Nitroaniline	10.36	138	62901	17.29	ng		86
62) Azobenzene	10.50	77	343519	22.36	ng		91
64) 4,6-Dinitro-2-methylphenol	10.40	198	28122	14.66	ng	#	74
65) n-Nitrosodiphenylamine	10.47	169	258433	21.29	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	72475	20.06	ng	#	77
67) Hexachlorobenzene	10.90	284	87589	21.90	ng	#	82
68) Atrazine	10.99	200	75371	19.93	ng		91
69) Pentachlorophenol	11.10	266	102826	43.43	ng		97
70) Phenanthrene	11.31	178	410579	20.95	ng		98
71) Anthracene	11.36	178	426495	21.88	ng		99
72) Carbazole	11.51	167	355078	19.36	ng		99
73) Di-n-butylphthalate	11.85	149	450383	21.11	ng		98
74) Fluoranthene	12.49	202	427842	21.53	ng		97
76) Benzidine	12.62	184	293213	22.76	ng		98
77) Pyrene	12.72	202	423765	19.61	ng		98
79) Butylbenzylphthalate	13.35	149	190015	19.72	ng		96
80) Benzo(a)anthracene	13.90	228	326550	19.90	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	91383	14.81	ng	#	95
82) Chrysene	13.93	228	291875	17.98	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	258694	23.51	ng	#	99
84) Di-n-octyl phthalate	14.51	149	384858	20.59	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	241566	19.34	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	233042m	19.77	ng		
88) Benzo(k)fluoranthene	14.94	252	237565m	23.15	ng		
89) Benzo(a)pyrene	15.23	252	211238	21.16	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	200660	24.08	ng		96
91) Benzo(g,h,i)perylene	17.02	276	205981	23.88	ng		98

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

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