Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089450.D
Acq On : 30 Jul 2016 13:43
Operator : UM/SJ
Sample : H4221-04MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44-7.0-8.0MS

Manual Integrations APPROVED
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8/1/2016 7:18:31 PM

Quant Time: Aug 01 04:16:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 04:11:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	46128	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	190013	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	86322	20.00	ng		0.00
63) Phenanthrene-d10	11.01	188	151151	20.00	ng		0.00
75) Chrysene-d12	13.62	240	81328	20.00	ng		0.00
86) Perylene-d12	14.95	264	81665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	267118	92.46	ng		0.01
7) Phenol-d6	6.17	99	350212	91.73	ng		0.00
23) Nitrobenzene-d5	7.07	82	217619	67.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.32	330	63262	88.49	ng		0.00
44) 2-Fluorobiphenyl	8.87	172	392563	66.74	ng		0.00
78) Terphenyl-d14	12.58	244	233455	67.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	34671	25.19	ng	#	87
3) Pyridine	2.54	79	88450	31.29	ng		99
4) n-Nitrosodimethylamine	2.50	42	39918	36.51	ng	#	98
6) Aniline	6.17	93	102232	24.80	ng	#	82
8) 2-Chlorophenol	6.28	128	103960	31.81	ng		88
9) Benzaldehyde	6.04	77	60604	32.51	ng		98
10) Phenol	6.18	94	143987	34.18	ng		85
11) bis(2-Chloroethyl)ether	6.25	93	111172	31.06	ng		96
12) 1,3-Dichlorobenzene	6.43	146	104069	30.45	ng		97
13) 1,4-Dichlorobenzene	6.52	146	109137	28.93	ng		93
14) 1,2-Dichlorobenzene	6.67	146	110339	31.22	ng		98
15) Benzyl Alcohol	6.66	79	91883	38.78	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.80	45	120992	30.99	ng		92
17) 2-Methylphenol	6.79	107	78402	31.04	ng		96
18) Hexachloroethane	7.00	117	41581	28.75	ng		93
19) n-Nitroso-di-n-propylamine	6.94	70	84157	36.55	ng		92
20) 3+4-Methylphenols	6.95	107	112657	34.73	ng	#	87
22) Acetophenone	6.92	105	138891	30.70	ng	#	97
24) Nitrobenzene	7.10	77	116144	31.70	ng		95
25) Isophorone	7.34	82	200576	30.93	ng		97
26) 2-Nitrophenol	7.42	139	55659	33.98	ng		96
27) 2,4-Dimethylphenol	7.47	122	88206	33.80	ng		99
28) bis(2-Chloroethoxy)methane	7.56	93	132244	36.84	ng		98
29) 2,4-Dichlorophenol	7.67	162	80815	33.99	ng		96
30) 1,2,4-Trichlorobenzene	7.74	180	90780	33.46	ng		97
31) Naphthalene	7.82	128	301514	32.04	ng		99
32) Benzoic acid	7.60	122	3706	2.04	ng	#	70
33) 4-Chloroaniline	7.88	127	48552	13.55	ng		98
34) Hexachlorobutadiene	7.93	225	44230	28.46	ng		98
35) Caprolactam	8.26	113	22259	31.01	ng		95
36) 4-Chloro-3-methylphenol	8.38	107	98101	34.71	ng		99
37) 2-Methylnaphthalene	8.50	142	201270	35.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	75982	25.15	ng		99
40) Hexachlorocyclopentadiene	8.65	237	50956	61.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	53293	37.11	ng		99
43) 2,4,5-Trichlorophenol	8.83	196	62754	34.50	ng		94
45) 1,1'-Biphenyl	8.97	154	204363	27.80	ng		95
46) 2-Chloronaphthalene	8.98	162	178178	32.28	ng		98
47) 2-Nitroaniline	9.10	65	57034	34.89	ng		90
48) Acenaphthylene	9.39	152	292012	33.59	ng		100
49) Dimethylphthalate	9.28	163	349010	53.12	ng		99
50) 2,6-Dinitrotoluene	9.34	165	42308	31.34	ng	#	70
51) Acenaphthene	9.56	154	173011	34.08	ng		99
52) 3-Nitroaniline	9.51	138	34706	24.36	ng		90
53) 2,4-Dinitrophenol	9.63	184	6403	19.97	ng		100
54) Dibenzofuran	9.74	168	252852	36.55	ng		98
55) 4-Nitrophenol	9.70	139	32527m	49.44	ng		
56) 2,4-Dinitrotoluene	9.75	165	55541	31.25	ng	#	60
57) Fluorene	10.08	166	198828	32.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	41974	34.56	ng		93
59) Diethylphthalate	9.98	149	258846	38.86	ng		96
60) 4-Chlorophenyl-phenylether	10.08	204	88390	31.91	ng		99
61) 4-Nitroaniline	10.12	138	42421	28.89	ng		85
62) Azobenzene	10.24	77	233191	34.00	ng		85
64) 4,6-Dinitro-2-methylphenol	10.15	198	16470	20.76	ng	#	36
65) n-Nitrosodiphenylamine	10.19	169	161291	34.20	ng		100
66) 4-Bromophenyl-phenylether	10.56	248	52771	36.57	ng		92
67) Hexachlorobenzene	10.62	284	46253	31.28	ng	#	85
68) Atrazine	10.74	200	50525	34.87	ng		97
69) Pentachlorophenol	10.82	266	36629	53.31	ng		98
70) Phenanthrene	11.03	178	267374	34.30	ng		99
71) Anthracene	11.07	178	269600	31.11	ng		99
72) Carbazole	11.25	167	230867	31.64	ng		99
73) Di-n-butylphthalate	11.59	149	296764	30.32	ng		98
74) Fluoranthene	12.21	202	239271	29.18	ng		100
76) Benzidine	12.34	184	29727	9.89	ng	#	1
77) Pyrene	12.42	202	216853	35.18	ng		99
79) Butylbenzylphthalate	13.06	149	92444	32.99	ng		95
80) Benzo(a)anthracene	13.61	228	153900	33.53	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	34828	21.09	ng		98
82) Chrysene	13.65	228	149609	30.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.63	149	126793	31.30	ng	#	94
84) Di-n-octyl phthalate	14.24	149	310146	49.06	ng	#	78
85) Indeno(1,2,3-cd)pyrene	16.13	276	180969	52.10	ng		99
87) Benzo(b)fluoranthene	14.61	252	139063m	27.42	ng		
88) Benzo(k)fluoranthene	14.63	252	146977m	31.52	ng		
89) Benzo(a)pyrene	14.90	252	144416	31.74	ng		97
90) Dibenzo(a,h)anthracene	16.14	278	147421	41.13	ng		99
91) Benzo(g,h,i)perylene	16.48	276	154980	43.99	ng		97

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

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