Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087403.D
Acq On : 26 May 2016 9:18
Operator : UM/SJ
Sample : H3220-16MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Manual Integrations APPROVED
sohil
5/26/2016 6:36:46 PM

Quant Time: May 26 15:44:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	103242	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	400003	20.00	ng		0.00
38) Acenaphthene-d10	12.38	164	170436	20.00	ng		-0.01
63) Phenanthrene-d10	14.78	188	278949	20.00	ng		0.00
75) Chrysene-d12	18.48	240	216023	20.00	ng		0.00
86) Perylene-d12	20.14	264	153004	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	964368	164.13	ng		0.03
7) Phenol-d6	7.10	99	1203150	151.55	ng		0.02
23) Nitrobenzene-d5	8.44	82	821515	103.51	ng		0.00
41) 2,4,6-Tribromophenol	13.68	330	214680	131.07	ng		0.00
44) 2-Fluorobiphenyl	11.34	172	1240669	102.62	ng		0.00
78) Terphenyl-d14	17.13	244	901461	88.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	114850	37.05	ng	#	66
3) Pyridine	2.49	79	283859	41.88	ng	#	63
4) n-Nitrosodimethylamine	2.46	42	285504	54.67	ng	#	43
6) Aniline	7.03	93	280198	27.28	ng		94
8) 2-Chlorophenol	7.21	128	366236	49.98	ng		89
9) Benzaldehyde	6.84	77	60137	13.72	ng		95
10) Phenol	7.11	94	451545	52.09	ng	#	70
11) bis(2-Chloroethyl)ether	7.16	93	344781	49.14	ng	#	81
12) 1,3-Dichlorobenzene	7.42	146	380570	47.62	ng	#	90
13) 1,4-Dichlorobenzene	7.55	146	385101	46.94	ng		97
14) 1,2-Dichlorobenzene	7.78	146	364568	48.04	ng		98
15) Benzyl Alcohol	7.83	79	345331	59.66	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.02	45	721336	45.69	ng		85
17) 2-Methylphenol	8.04	107	297084	50.59	ng	#	87
18) Hexachloroethane	8.30	117	129271	42.23	ng		98
19) n-Nitroso-di-n-propylamine	8.25	70	293012	49.49	ng	#	69
20) 3+4-Methylphenols	8.31	107	387826	54.63	ng	#	59
22) Acetophenone	8.20	105	526472	55.09	ng	#	94
24) Nitrobenzene	8.47	77	426525	50.91	ng		95
25) Isophorone	8.87	82	720771	50.64	ng		99
26) 2-Nitrophenol	8.98	139	175093	51.13	ng	#	86
27) 2,4-Dimethylphenol	9.13	122	308552	51.90	ng		89
28) bis(2-Chloroethoxy)methane	9.24	93	428955	53.50	ng	#	98
29) 2,4-Dichlorophenol	9.39	162	283468	52.91	ng		97
30) 1,2,4-Trichlorobenzene	9.48	180	314351	51.25	ng		99
31) Naphthalene	9.59	128	1005546	50.17	ng		100
32) Benzoic acid	9.38	122	28723	14.07	ng	#	75
33) 4-Chloroaniline	9.74	127	111494	15.10	ng	#	89
34) Hexachlorobutadiene	9.80	225	183365	49.18	ng		98
35) Caprolactam	10.36	113	82055m	52.47	ng		
36) 4-Chloro-3-methylphenol	10.60	107	313637	51.78	ng	#	86
37) 2-Methylnaphthalene	10.72	142	645703	51.57	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	275501	50.50	ng		99
40) Hexachlorocyclopentadiene	10.96	237	26976	20.05	ng		93

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42) 2,4,6-Trichlorophenol	11.22	196	171811	54.56	ng		91
43) 2,4,5-Trichlorophenol	11.30	196	163137	50.87	ng	#	88
45) 1,1'-Biphenyl	11.48	154	748685	52.17	ng		96
46) 2-Chloronaphthalene	11.50	162	552382	50.32	ng	#	91
47) 2-Nitroaniline	11.71	65	227409	57.49	ng	#	70
48) Acenaphthylene	12.16	152	892208	51.33	ng		98
49) Dimethylphthalate	12.05	163	1004873	73.60	ng		99
50) 2,6-Dinitrotoluene	12.14	165	146291	53.18	ng		92
51) Acenaphthene	12.43	154	526520	49.29	ng		97
52) 3-Nitroaniline	12.40	138	101519	35.96	ng		87
53) 2,4-Dinitrophenol	12.62	184	32425	27.69	ng	#	76
54) Dibenzofuran	12.72	168	778860	53.85	ng		93
55) 4-Nitrophenol	12.80	139	122919	91.26	ng	#	59
56) 2,4-Dinitrotoluene	12.79	165	172868	47.01	ng	#	84
57) Fluorene	13.28	166	605915	48.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	126721m	51.37	ng		
59) Diethylphthalate	13.19	149	674831	50.84	ng		99
60) 4-Chlorophenyl-phenylether	13.30	204	287017	46.93	ng		98
61) 4-Nitroaniline	13.39	138	112314	42.62	ng	#	60
62) Azobenzene	13.57	77	754878	54.82	ng		86
64) 4,6-Dinitro-2-methylphenol	13.46	198	33135	18.68	ng	#	74
65) n-Nitrosodiphenylamine	13.52	169	508419	56.36	ng		100
66) 4-Bromophenyl-phenylether	14.09	248	159008	52.11	ng		95
67) Hexachlorobenzene	14.16	284	158206	49.57	ng	#	75
68) Atrazine	14.45	200	162337	56.45	ng		94
69) Pentachlorophenol	14.53	266	83829	84.16	ng		93
70) Phenanthrene	14.82	178	792914	51.32	ng		99
71) Anthracene	14.90	178	799595	51.23	ng		100
72) Carbazole	15.20	167	714388	53.66	ng		100
73) Di-n-butylphthalate	15.77	149	913476	53.06	ng	#	99
74) Fluoranthene	16.58	202	783559	50.57	ng		91
76) Benzidine	16.81	184	360806	64.91	ng		95
77) Pyrene	16.88	202	775887	49.90	ng		99
79) Butylbenzylphthalate	17.79	149	353358	51.24	ng	#	70
80) Benzo(a)anthracene	18.47	228	638610	51.97	ng		99
81) 3,3'-Dichlorobenzidine	18.45	252	171942	25.33	ng		98
82) Chrysene	18.50	228	619515	50.80	ng		99
83) Bis(2-ethylhexyl)phthalate	18.54	149	499581	49.65	ng	#	94
84) Di-n-octyl phthalate	19.31	149	796406	51.90	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.37	276	420688	43.03	ng		94
87) Benzo(b)fluoranthene	19.74	252	522082	53.57	ng	#	94
88) Benzo(k)fluoranthene	19.76	252	478198m	57.00	ng		
89) Benzo(a)pyrene	20.08	252	454850	53.96	ng	#	97
90) Dibenzo(a,h)anthracene	21.37	278	360327	50.12	ng	#	95
91) Benzo(g,h,i)perylene	21.71	276	341085	48.08	ng		93

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

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