Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089257.D
Acq On : 24 Jul 2016 3:34
Operator : UM/SJ
Sample : H4129-02MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

Manual Integrations
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7/25/2016 6:43:16 PM

Quant Time: Jul 25 11:47:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	49810	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	201902	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	91182	20.00	ng		-0.02
63) Phenanthrene-d10	11.09	188	156237	20.00	ng		-0.02
75) Chrysene-d12	13.70	240	91854	20.00	ng		-0.02
86) Perylene-d12	15.05	264	93473	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	436168	133.18	ng		-0.01
7) Phenol-d6	6.25	99	577152	136.65	ng		-0.02
23) Nitrobenzene-d5	7.15	82	340398	89.58	ng		-0.02
41) 2,4,6-Tribromophenol	10.41	330	96461	117.50	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	574729	86.85	ng		-0.02
78) Terphenyl-d14	12.66	244	405985	95.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	53260	37.45	ng		94
3) Pyridine	2.68	79	138867	38.44	ng		98
4) n-Nitrosodimethylamine	2.66	42	64295	42.28	ng		97
6) Aniline	6.25	93	141178	24.74	ng	#	59
8) 2-Chlorophenol	6.36	128	168198	46.28	ng	#	80
9) Benzaldehyde	6.12	77	33852	12.80	ng		98
10) Phenol	6.26	94	234488	48.19	ng		99
11) bis(2-Chloroethyl)ether	6.33	93	179983	49.25	ng		95
12) 1,3-Dichlorobenzene	6.51	146	163171	40.66	ng		97
13) 1,4-Dichlorobenzene	6.59	146	175684	43.47	ng		99
14) 1,2-Dichlorobenzene	6.75	146	177304	46.53	ng		99
15) Benzyl Alcohol	6.74	79	150947	48.80	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	192049	46.12	ng	#	56
17) 2-Methylphenol	6.87	107	137032	47.87	ng		98
18) Hexachloroethane	7.08	117	62735	41.29	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	129735	46.96	ng		96
20) 3+4-Methylphenols	7.03	107	181714	46.76	ng		94
22) Acetophenone	7.00	105	254122	47.13	ng		100
24) Nitrobenzene	7.18	77	189257	47.22	ng		94
25) Isophorone	7.42	82	339684	48.50	ng		99
26) 2-Nitrophenol	7.50	139	81708	43.71	ng	#	76
27) 2,4-Dimethylphenol	7.54	122	138784	44.07	ng		100
28) bis(2-Chloroethoxy)methane	7.63	93	206108	47.05	ng		99
29) 2,4-Dichlorophenol	7.74	162	136502	48.10	ng		96
30) 1,2,4-Trichlorobenzene	7.82	180	144185	45.89	ng		99
31) Naphthalene	7.88	128	462023m	42.40	ng		
32) Benzoic acid	7.66	122	16193	6.69	ng	#	90
33) 4-Chloroaniline	7.95	127	86635	18.91	ng		95
34) Hexachlorobutadiene	8.01	225	76814	43.93	ng		99
35) Caprolactam	8.33	113	41739	47.36	ng		99
36) 4-Chloro-3-methylphenol	8.46	107	163195	47.72	ng		92
37) 2-Methylnaphthalene	8.58	142	323218	46.51	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	126290	37.26	ng		99
40) Hexachlorocyclopentadiene	8.73	237	35169	36.17	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	83048	43.78	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	100031	52.54	ng	#	87
45) 1,1'-Biphenyl	9.05	154	371532	45.24	ng		95
46) 2-Chloronaphthalene	9.06	162	279039	44.72	ng		98
47) 2-Nitroaniline	9.18	65	100620	47.01	ng	#	81
48) Acenaphthylene	9.47	152	417787	42.59	ng		100
49) Dimethylphthalate	9.36	163	532418	76.09	ng		98
50) 2,6-Dinitrotoluene	9.42	165	69172	43.79	ng	#	54
51) Acenaphthene	9.64	154	246411	42.46	ng		99
52) 3-Nitroaniline	9.59	138	56421	30.08	ng		90
53) 2,4-Dinitrophenol	9.70	184	8695	18.17	ng	#	71
54) Dibenzofuran	9.82	168	375632	47.90	ng		97
55) 4-Nitrophenol	9.77	139	86861m	76.52	ng		
56) 2,4-Dinitrotoluene	9.83	165	89735	44.10	ng	#	68
57) Fluorene	10.16	166	287331	43.17	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	66036	48.29	ng		97
59) Diethylphthalate	10.06	149	359209	51.78	ng		97
60) 4-Chlorophenyl-phenylether	10.16	204	141886	46.69	ng	#	84
61) 4-Nitroaniline	10.20	138	70904	38.84	ng		93
62) Azobenzene	10.32	77	377322	50.04	ng		89
64) 4,6-Dinitro-2-methylphenol	10.23	198	15540	17.09	ng	#	46
65) n-Nitrosodiphenylamine	10.28	169	269606	51.63	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	77116	49.88	ng	#	87
67) Hexachlorobenzene	10.71	284	78723	47.34	ng	#	86
68) Atrazine	10.81	200	74313	45.51	ng		97
69) Pentachlorophenol	10.90	266	65212	85.00	ng		98
70) Phenanthrene	11.11	178	410220	47.86	ng		99
71) Anthracene	11.16	178	442883	49.72	ng		99
72) Carbazole	11.33	167	376764	48.15	ng		100
73) Di-n-butylphthalate	11.67	149	519726	53.70	ng		98
74) Fluoranthene	12.29	202	387092	42.97	ng		98
76) Benzidine	12.42	184	160163	50.72	ng		98
77) Pyrene	12.51	202	374765	49.40	ng		100
79) Butylbenzylphthalate	13.14	149	161581	50.35	ng		89
80) Benzo(a)anthracene	13.70	228	276464	47.26	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	83179	42.86	ng		97
82) Chrysene	13.74	228	287114	51.38	ng		100
83) Bis(2-ethylhexyl)phthalate	13.71	149	232853	54.71	ng	#	95
84) Di-n-octyl phthalate	14.32	149	382006	54.39	ng		100
85) Indeno(1,2,3-cd)pyrene	16.27	276	247488	60.98	ng		100
87) Benzo(b)fluoranthene	14.70	252	288832m	42.66	ng		
88) Benzo(k)fluoranthene	14.72	252	247859m	51.20	ng		
89) Benzo(a)pyrene	15.01	252	264172	50.26	ng	#	93
90) Dibenzo(a,h)anthracene	16.29	278	204911	49.38	ng	#	96
91) Benzo(g,h,i)perylene	16.64	276	197078	47.10	ng		100

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

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