Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
Data File : BF089357.D
Acq On : 28 Jul 2016 10:20
Operator : UM/SJ
Sample : H4155-17MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : I-4MSD

Manual Integrations APPROVED
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7/28/2016 5:03:58 PM

Quant Time: Jul 28 13:33:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43221	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	191189	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	91525	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	173683	20.00	ng		0.00
75) Chrysene-d12	13.67	240	122802	20.00	ng		0.00
86) Perylene-d12	15.01	264	83612	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	322019	118.96	ng		0.03
7) Phenol-d6	6.20	99	389781	108.96	ng		0.00
23) Nitrobenzene-d5	7.12	82	293365	90.57	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	97770	128.98	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	574549	92.13	ng		0.00
78) Terphenyl-d14	12.63	244	478500	91.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	41569	33.31	ng	#	86
3) Pyridine	2.72	79	78511m	29.64	ng		
4) n-Nitrosodimethylamine	2.66	42	41580	39.72	ng		89
6) Aniline	6.23	93	52239	13.52	ng	#	1
8) 2-Chlorophenol	6.33	128	132737	43.35	ng		90
9) Benzaldehyde	6.10	77	21521	12.32	ng		99
10) Phenol	6.23	94	146912	37.22	ng		87
11) bis(2-Chloroethyl)ether	6.30	93	145893	43.50	ng		96
12) 1,3-Dichlorobenzene	6.48	146	123920	38.69	ng		97
13) 1,4-Dichlorobenzene	6.56	146	136217	38.54	ng		99
14) 1,2-Dichlorobenzene	6.72	146	127872	38.62	ng		99
15) Benzyl Alcohol	6.71	79	103731	46.73	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.83	45	146255	39.98	ng		77
17) 2-Methylphenol	6.83	107	96688	40.86	ng		94
18) Hexachloroethane	7.05	117	51428	37.95	ng		95
19) n-Nitroso-di-n-propylamine	6.98	70	102396	47.47	ng		100
20) 3+4-Methylphenols	6.99	107	124842	41.08	ng		89
22) Acetophenone	6.97	105	174467	38.33	ng	#	98
24) Nitrobenzene	7.14	77	134296	36.43	ng		99
25) Isophorone	7.38	82	278216	42.64	ng		99
26) 2-Nitrophenol	7.46	139	65019	39.45	ng		99
27) 2,4-Dimethylphenol	7.51	122	106110	40.41	ng		96
28) bis(2-Chloroethoxy)methane	7.60	93	168800	46.74	ng		99
29) 2,4-Dichlorophenol	7.71	162	108036	45.15	ng		96
30) 1,2,4-Trichlorobenzene	7.78	180	108353	39.69	ng		99
31) Naphthalene	7.85	128	417623m	44.11	ng		
32) Benzoic acid	7.67	122	57662	31.52	ng		98
33) 4-Chloroaniline	7.98	127	16514	4.58	ng	#	51
34) Hexachlorobutadiene	7.98	225	60718	38.84	ng		98
35) Caprolactam	8.30	113	28978m	40.13	ng		
36) 4-Chloro-3-methylphenol	8.42	107	125463	44.12	ng		98
37) 2-Methylnaphthalene	8.55	142	251010	44.00	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	98418	30.73	ng		98
40) Hexachlorocyclopentadiene	8.70	237	80564	87.32	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	70754	46.46	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	82806	42.93	ng	#	89
45) 1,1'-Biphenyl	9.00	154	279216	35.83	ng		99
46) 2-Chloronaphthalene	9.03	162	242754	41.48	ng		99
47) 2-Nitroaniline	9.14	65	74146	42.78	ng		97
48) Acenaphthylene	9.44	152	386388	41.92	ng		99
49) Dimethylphthalate	9.32	163	316818	45.48	ng		100
50) 2,6-Dinitrotoluene	9.38	165	66088	46.18	ng		91
51) Acenaphthene	9.61	154	238199	44.25	ng		100
52) 3-Nitroaniline	9.55	138	22865	15.14	ng		84
53) 2,4-Dinitrophenol	9.67	184	52589	79.53	ng	#	83
54) Dibenzofuran	9.78	168	349116	47.59	ng		99
55) 4-Nitrophenol	9.75	139	49242m	67.95	ng		
56) 2,4-Dinitrotoluene	9.79	165	82808	43.95	ng	#	64
57) Fluorene	10.12	166	284194	44.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	63907	49.62	ng		98
59) Diethylphthalate	10.02	149	304978	43.19	ng	#	94
60) 4-Chlorophenyl-phenylether	10.12	204	119462	40.67	ng		99
61) 4-Nitroaniline	10.17	138	48243	30.99	ng		91
62) Azobenzene	10.27	77	318379	43.78	ng		99
64) 4,6-Dinitro-2-methylphenol	10.19	198	44447	42.91	ng		84
65) n-Nitrosodiphenylamine	10.24	169	205064	37.84	ng		100
66) 4-Bromophenyl-phenylether	10.60	248	77560	46.77	ng		94
67) Hexachlorobenzene	10.66	284	68064	40.05	ng		94
68) Atrazine	10.78	200	37838	22.73	ng		97
69) Pentachlorophenol	10.87	266	70380	85.07	ng		98
70) Phenanthrene	11.07	178	398419	44.48	ng		99
71) Anthracene	11.13	178	409306	41.10	ng		99
72) Carbazole	11.29	167	326745	38.97	ng		99
73) Di-n-butylphthalate	11.62	149	465428	41.38	ng		99
74) Fluoranthene	12.25	202	418877	44.45	ng		99
76) Benzidine	12.42	184	23589	5.20	ng		95
77) Pyrene	12.47	202	384443	41.31	ng		98
79) Butylbenzylphthalate	13.11	149	202271	47.80	ng		98
80) Benzo(a)anthracene	13.66	228	295163	42.59	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	17442	6.99	ng	#	98
82) Chrysene	13.69	228	295181	40.02	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	256449	41.93	ng		99
84) Di-n-octyl phthalate	14.27	149	414438	43.42	ng		99
85) Indeno(1,2,3-cd)pyrene	16.21	276	221183	42.17	ng		100
87) Benzo(b)fluoranthene	14.65	252	225551m	43.44	ng		
88) Benzo(k)fluoranthene	14.67	252	261466m	54.77	ng		
89) Benzo(a)pyrene	14.96	252	221971	47.65	ng	#	94
90) Dibenzo(a,h)anthracene	16.22	278	183857	50.11	ng	#	95
91) Benzo(g,h,i)perylene	16.56	276	180689	50.10	ng		96

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

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