Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088029.D
Acq On : 15 Jun 2016 6:16
Operator : UM/SJ
Sample : H3425-07MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-LF2MW2MSD

Manual Integrations APPROVED
sohil
6/15/2016 6:41:08 PM

Quant Time: Jun 15 13:55:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 15 04:08:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	119875	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	467063	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	203240	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	331025	20.00	ng		0.00
75) Chrysene-d12	13.94	240	271636	20.00	ng		0.00
86) Perylene-d12	15.35	264	215275	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	459172	65.48	ng		0.01
7) Phenol-d6	6.42	99	333720	39.27	ng		0.00
23) Nitrobenzene-d5	7.36	82	712644	89.10	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	192568	89.73	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1041452	80.18	ng		0.00
78) Terphenyl-d14	12.89	244	801332	67.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	56968	16.72	ng	#	38
3) Pyridine	3.14	79	29005m	3.61	ng		
4) n-Nitrosodimethylamine	2.99	42	58279	17.11	ng		87
6) Aniline	6.44	93	124579	10.30	ng	#	75
8) 2-Chlorophenol	6.57	128	316434	38.13	ng		90
9) Benzaldehyde	6.32	77	29501	4.44	ng		86
10) Phenol	6.43	94	133114	13.43	ng		81
11) bis(2-Chloroethyl)ether	6.52	93	368650	49.47	ng		87
12) 1,3-Dichlorobenzene	6.72	146	330217	37.08	ng		100
13) 1,4-Dichlorobenzene	6.80	146	338987	37.79	ng		99
14) 1,2-Dichlorobenzene	6.96	146	342564	41.99	ng		97
15) Benzyl Alcohol	6.92	79	180899	27.21	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	447664	44.47	ng		90
17) 2-Methylphenol	7.05	107	197946	29.41	ng		99
18) Hexachloroethane	7.30	117	112865	35.46	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	232268	42.72	ng		90
20) 3+4-Methylphenols	7.21	107	217018	27.63	ng	#	81
22) Acetophenone	7.20	105	468261	44.86	ng	#	95
24) Nitrobenzene	7.37	77	322033	41.56	ng		89
25) Isophorone	7.62	82	681191	45.98	ng		94
26) 2-Nitrophenol	7.69	139	183898	44.31	ng	#	87
27) 2,4-Dimethylphenol	7.74	122	293331	38.39	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	400037	43.53	ng	#	97
29) 2,4-Dichlorophenol	7.94	162	277162	43.44	ng		89
30) 1,2,4-Trichlorobenzene	8.02	180	290050	41.75	ng		95
31) Naphthalene	8.09	128	976766	42.26	ng		100
32) Benzoic acid	7.83	122	50598	12.02	ng		97
33) 4-Chloroaniline	8.15	127	199447	19.32	ng		96
34) Hexachlorobutadiene	8.22	225	150515	41.08	ng		99
35) Caprolactam	8.52	113	13670	6.47	ng		88
36) 4-Chloro-3-methylphenol	8.63	107	237743	34.84	ng		99
37) 2-Methylnaphthalene	8.79	142	643738m	42.26	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	279666	59.08	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	39817	12.15	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	179598	44.19	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	197531	46.71	ng		97
45) 1,1'-Biphenyl	9.26	154	798464	53.51	ng		97
46) 2-Chloronaphthalene	9.28	162	615661	46.81	ng		96
47) 2-Nitroaniline	9.37	65	162690	41.93	ng		94
48) Acenaphthylene	9.69	152	877264	41.94	ng		99
49) Dimethylphthalate	9.56	163	794225	53.95	ng		99
50) 2,6-Dinitrotoluene	9.62	165	169706	50.33	ng	#	87
51) Acenaphthene	9.86	154	524969	40.23	ng		98
52) 3-Nitroaniline	9.78	138	124395	31.97	ng		99
53) 2,4-Dinitrophenol	9.90	184	53832	35.06	ng	#	70
54) Dibenzofuran	10.03	168	773037	43.01	ng		91
55) 4-Nitrophenol	9.95	139	85526	28.32	ng	#	72
56) 2,4-Dinitrotoluene	10.02	165	188200	43.43	ng	#	72
57) Fluorene	10.38	166	571737	47.32	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	134829	40.57	ng	#	57
59) Diethylphthalate	10.26	149	716162	48.06	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	238027	39.83	ng		94
61) 4-Nitroaniline	10.40	138	142864	38.71	ng		99
62) Azobenzene	10.52	77	611819	41.52	ng		95
64) 4,6-Dinitro-2-methylphenol	10.43	198	42835	21.96	ng	#	58
65) n-Nitrosodiphenylamine	10.49	169	514368	46.83	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	162153	45.66	ng	#	87
67) Hexachlorobenzene	10.93	284	175427	47.54	ng	#	84
68) Atrazine	11.02	200	46357	13.94	ng		96
69) Pentachlorophenol	11.12	266	168846	86.81	ng		98
70) Phenanthrene	11.34	178	841029	48.42	ng		99
71) Anthracene	11.38	178	732752	41.82	ng		100
72) Carbazole	11.54	167	765613	46.69	ng		100
73) Di-n-butylphthalate	11.87	149	902839	43.50	ng		100
74) Fluoranthene	12.51	202	797529	43.51	ng		97
76) Benzidine	12.64	184	227159	30.20	ng		98
77) Pyrene	12.74	202	768961	38.15	ng		100
79) Butylbenzylphthalate	13.37	149	428093	48.04	ng		93
80) Benzo(a)anthracene	13.93	228	637834	41.21	ng		100
81) 3,3'-Dichlorobenzidine	13.90	252	183059	43.98	ng	#	97
82) Chrysene	13.98	228	694213	47.67	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	476645	43.94	ng	#	99
84) Di-n-octyl phthalate	14.54	149	968964	54.97	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	560616	41.43	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	801394m	53.41	ng		
88) Benzo(k)fluoranthene	14.98	252	468557m	41.40	ng		
89) Benzo(a)pyrene	15.29	252	597710	49.24	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	470590	41.74	ng		97
91) Benzo(g,h,i)perylene	17.12	276	468791	40.42	ng		99

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

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