Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088242.D
Acq On : 22 Jun 2016 6:23
Operator : UM/SJ
Sample : H3597-02MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Manual Integrations APPROVED
sohil
6/22/2016 6:08:16 PM

Quant Time: Jun 22 07:02:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:34:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	85452	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	337419	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	157270	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	286296	20.00	ng		0.00
75) Chrysene-d12	13.79	240	200699	20.00	ng		0.00
86) Perylene-d12	15.17	264	174023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	453518	90.73	ng		0.00
7) Phenol-d6	6.31	99	558590	92.21	ng		0.00
23) Nitrobenzene-d5	7.22	82	343710	59.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	135093	81.35	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	686202	67.40	ng		0.00
78) Terphenyl-d14	12.74	244	587163	66.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	59237	24.39	ng	#	40
3) Pyridine	2.81	79	169598	29.57	ng		91
4) n-Nitrosodimethylamine	2.76	42	76002	31.29	ng	#	74
6) Aniline	6.32	93	190413	22.08	ng	#	23
8) 2-Chlorophenol	6.44	128	197802	33.43	ng		82
10) Phenol	6.32	94	221178	34.80	ng	#	56
11) bis(2-Chloroethyl)ether	6.40	93	198099	37.29	ng		85
12) 1,3-Dichlorobenzene	6.59	146	197666m	31.14	ng		
13) 1,4-Dichlorobenzene	6.67	146	207727	32.48	ng		96
14) 1,2-Dichlorobenzene	6.82	146	205365	35.31	ng		95
15) Benzyl Alcohol	6.81	79	143859	30.35	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	206740	28.81	ng	#	21
17) 2-Methylphenol	6.94	107	160331	33.42	ng	#	94
18) Hexachloroethane	7.15	117	73836	32.54	ng	#	80
19) n-Nitroso-di-n-propylamine	7.07	70	119106	30.73	ng		91
20) 3+4-Methylphenols	7.08	107	215663	38.52	ng	#	81
22) Acetophenone	7.07	105	261525	34.68	ng		97
24) Nitrobenzene	7.24	77	208042	37.17	ng		99
25) Isophorone	7.48	82	363417	33.95	ng		96
26) 2-Nitrophenol	7.56	139	102336	34.13	ng	#	74
27) 2,4-Dimethylphenol	7.61	122	181354	32.85	ng		95
28) bis(2-Chloroethoxy)methane	7.70	93	248716	37.47	ng		98
29) 2,4-Dichlorophenol	7.80	162	169757	36.83	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	174579	34.78	ng		98
31) Naphthalene	7.95	128	560759	33.58	ng		99
32) Benzoic acid	7.61	122	181354	59.66	ng	#	13
33) 4-Chloroaniline	8.02	127	151530	20.32	ng	#	91
34) Hexachlorobutadiene	8.08	225	89883	33.96	ng		99
35) Caprolactam	8.39	113	53828	35.26	ng	#	82
36) 4-Chloro-3-methylphenol	8.51	107	167689	34.02	ng		95
37) 2-Methylnaphthalene	8.65	142	388329	35.28	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	156054	35.55	ng	#	1
40) Hexachlorocyclopentadiene	8.80	237	53492	21.09	ng		100
42) 2,4,6-Trichlorophenol	8.94	196	94200	29.95	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	91820	28.06	ng		97
45) 1,1'-Biphenyl	9.12	154	462187	38.22	ng		96
46) 2-Chloronaphthalene	9.14	162	355952	34.98	ng		93
47) 2-Nitroaniline	9.24	65	102841	34.26	ng	#	81
48) Acenaphthylene	9.55	152	552597	34.14	ng		99
49) Dimethylphthalate	9.43	163	645638	56.67	ng		100
50) 2,6-Dinitrotoluene	9.48	165	89021	34.12	ng	#	58
51) Acenaphthene	9.72	154	331324	32.81	ng		99
52) 3-Nitroaniline	9.66	138	85228	28.31	ng		93
53) 2,4-Dinitrophenol	9.78	184	8388	10.09	ng		93
54) Dibenzofuran	9.90	168	475243	34.17	ng		94
55) 4-Nitrophenol	9.84	139	86191	36.89	ng		99
56) 2,4-Dinitrotoluene	9.90	165	114369	34.11	ng	#	80
57) Fluorene	10.24	166	373134	39.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	76171	29.62	ng	#	57
59) Diethylphthalate	10.12	149	419457	36.37	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	151717	32.80	ng		94
61) 4-Nitroaniline	10.27	138	107891	37.78	ng		95
62) Azobenzene	10.39	77	407089	35.70	ng		97
64) 4,6-Dinitro-2-methylphenol	10.31	198	29437	17.89	ng	#	66
65) n-Nitrosodiphenylamine	10.35	169	353532	37.21	ng		100
66) 4-Bromophenyl-phenylether	10.72	248	105345	34.30	ng		94
67) Hexachlorobenzene	10.78	284	105846	33.17	ng		97
68) Atrazine	10.88	200	92454	32.14	ng		90
69) Pentachlorophenol	10.98	266	63134	37.53	ng		97
70) Phenanthrene	11.19	178	538189	35.82	ng		99
71) Anthracene	11.24	178	566557	37.39	ng		98
72) Carbazole	11.40	167	540938	38.15	ng		98
73) Di-n-butylphthalate	11.74	149	628133	34.99	ng		99
74) Fluoranthene	12.38	202	589117	37.16	ng		96
76) Benzidine	12.50	184	235341	42.35	ng		98
77) Pyrene	12.59	202	580722	38.99	ng		99
79) Butylbenzylphthalate	13.22	149	257792	39.15	ng		89
80) Benzo(a)anthracene	13.78	228	406621	35.55	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	99549	32.37	ng	#	97
82) Chrysene	13.82	228	419173	38.96	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	318547	39.74	ng		100
84) Di-n-octyl phthalate	14.39	149	519727	39.90	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	379334	37.95	ng	#	100
87) Benzo(b)fluoranthene	14.79	252	495703m	40.87	ng		
88) Benzo(k)fluoranthene	14.82	252	233877m	25.56	ng		
89) Benzo(a)pyrene	15.12	252	364954	37.19	ng	#	95
90) Dibenzo(a,h)anthracene	16.46	278	318100	34.90	ng		98
91) Benzo(g,h,i)perylene	16.83	276	335701	35.81	ng		99

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

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