Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096680.D
Acq On : 12 Jul 2017 8:51
Operator : SJ/JU
Sample : I4130-15MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HS2-BASEMS

Manual Integrations APPROVED
mohammad
7/12/2017 4:58:30 PM

Quant Time: Jul 12 16:02:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	78736	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	145543	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	69017	20.00	ng		0.02
63) Phenanthrene-d10	11.22	188	163198	20.00	ng		0.00
75) Chrysene-d12	13.83	240	171321	20.00	ng		-0.01
86) Perylene-d12	15.23	264	157927	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	426610	79.97	ng		0.00
7) Phenol-d6	6.34	99	601173	91.67	ng		0.00
23) Nitrobenzene-d5	7.26	82	316537	130.69	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	76656	142.19	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	440135	109.04	ng		0.00
78) Terphenyl-d14	12.79	244	432932	54.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	100986	39.923	ng	#	75
3) Pyridine	3.05	79	260978	37.603	ng	#	64
4) n-Nitrosodimethylamine	2.98	42	166187	48.513	ng		81
6) Aniline	6.36	93	189258	22.328	ng	#	8
8) 2-Chlorophenol	6.49	128	147423	25.915	ng		91
9) Benzaldehyde	6.25	77	99306	24.196	ng	#	76
10) Phenol	6.35	94	245293	32.832	ng		87
11) bis(2-Chloroethyl)ether	6.44	93	190826	33.050	ng	#	79
12) 1,3-Dichlorobenzene	6.65	146	196553	32.952	ng		98
13) 1,4-Dichlorobenzene	6.72	146	170470	28.594	ng	#	81
14) 1,2-Dichlorobenzene	6.88	146	113317	20.701	ng	#	14
15) Benzyl Alcohol	6.85	79	182772	41.692	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	259469	22.105	ng	#	51
17) 2-Methylphenol	6.96	107	143845	31.729	ng	#	70
18) Hexachloroethane	7.26	117	363810m	168.322	ng		
20) 3+4-Methylphenols	7.12	107	143031	28.286	ng	#	60
22) Acetophenone	7.12	105	207095m	65.121	ng		
24) Nitrobenzene	7.29	77	313199	123.263	ng	#	80
25) Isophorone	7.53	82	394805	84.071	ng	#	41
26) 2-Nitrophenol	7.60	139	46769	34.776	ng	#	1
27) 2,4-Dimethylphenol	7.65	122	97257	42.471	ng		87
28) bis(2-Chloroethoxy)methane	7.74	93	138592	44.707	ng	#	34
29) 2,4-Dichlorophenol	7.86	162	127703	64.636	ng		89
30) 1,2,4-Trichlorobenzene	7.94	180	101531	54.478	ng	#	94
31) Naphthalene	8.02	128	488567	71.106	ng	#	85
32) Benzoic acid	7.80	122	34518	17.948	ng	#	56
33) 4-Chloroaniline	8.06	127	106266	37.234	ng	#	38
34) Hexachlorobutadiene	8.15	225	54604	57.122	ng		97
35) Caprolactam	8.45	113	144120	211.537	ng	#	1
36) 4-Chloro-3-methylphenol	8.55	107	118326	54.125	ng	#	73
37) 2-Methylnaphthalene	8.72	142	1094961	250.350	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	73561	41.049	ng	#	88
40) Hexachlorocyclopentadiene	8.87	237	19684	22.590	ng		96
42) 2,4,6-Trichlorophenol	8.99	196	55964	39.477	ng		98

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	43369	30.941	ng	#	1
45) 1,1'-Biphenyl	9.17	154	213521	36.107	ng		96
46) 2-Chloronaphthalene	9.20	162	167709	38.055	ng	#	87
47) 2-Nitroaniline	9.28	65	71286	44.455	ng	#	83
48) Acenaphthylene	9.62	152	315738	45.215	ng	#	82
49) Dimethylphthalate	9.46	163	292296	56.733	ng	#	94
50) 2,6-Dinitrotoluene	9.53	165	49832	43.738	ng	#	55
51) Acenaphthene	9.78	154	206939	48.076	ng		94
52) 3-Nitroaniline	9.69	138	58167	40.933	ng	#	89
53) 2,4-Dinitrophenol	9.82	184	8533	14.101	ng	#	21
54) Dibenzofuran	9.95	168	252169	44.373	ng	#	72
55) 4-Nitrophenol	9.86	139	110697	93.984	ng	#	58
56) 2,4-Dinitrotoluene	9.94	165	94406	65.432	ng	#	60
57) Fluorene	10.29	166	278746	69.450	ng	#	89
58) 2,3,4,6-Tetrachlorophenol	10.07	232	35829	36.946	ng	#	30
59) Diethylphthalate	10.16	149	188526	38.713	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	77905	44.611	ng	#	79
61) 4-Nitroaniline	10.29	138	46027	35.621	ng		85
62) Azobenzene	10.44	77	212282	45.081	ng	#	75
64) 4,6-Dinitro-2-methylphenol	10.35	198	10838	9.629	ng	#	1
65) n-Nitrosodiphenylamine	10.40	169	407582	71.180	ng		87
66) 4-Bromophenyl-phenylether	10.76	248	52315	32.930	ng	#	74
67) Hexachlorobenzene	10.85	284	51530	29.631	ng	#	75
68) Atrazine	10.92	200	56024	34.247	ng		87
69) Pentachlorophenol	11.03	266	56661	54.973	ng		95
70) Phenanthrene	11.24	178	530949	60.184	ng		97
71) Anthracene	11.29	178	354376	39.419	ng		98
72) Carbazole	11.44	167	347350	38.419	ng		99
73) Di-n-butylphthalate	11.77	149	430403	39.304	ng		100
74) Fluoranthene	12.42	202	434000	50.176	ng		99
76) Benzidine	12.53	184	171721	20.889	ng	#	93
77) Pyrene	12.65	202	434251	31.579	ng		99
79) Butylbenzylphthalate	13.26	149	193709	27.827	ng	#	81
80) Benzo(a)anthracene	13.83	228	383655	38.671	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	116290	28.539	ng	#	97
82) Chrysene	13.86	228	374050	36.004	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	272760	35.103	ng		100
84) Di-n-octyl phthalate	14.43	149	508741	33.247	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.59	276	319547	38.966	ng		99
87) Benzo(b)fluoranthene	14.84	252	344704m	34.834	ng		
88) Benzo(k)fluoranthene	14.87	252	340448	38.461	ng		96
89) Benzo(a)pyrene	15.18	252	328409	37.172	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	269974	38.843	ng		99
91) Benzo(g,h,i)perylene	16.99	276	261288	36.279	ng		96

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

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