Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
Data File : BF089332.D
Acq On : 27 Jul 2016 16:53
Operator : UM/SJ
Sample : PB92412BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92412BS

Manual Integrations APPROVED
sohil
7/28/2016 4:57:22 PM

Quant Time: Jul 28 01:06:43 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	44846	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	195293	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	94630	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	181451	20.00	ng		0.00
75) Chrysene-d12	13.67	240	133745	20.00	ng		0.00
86) Perylene-d12	15.01	264	111913	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	365698	130.21	ng		0.02
7) Phenol-d6	6.20	99	484584	130.55	ng		0.00
23) Nitrobenzene-d5	7.12	82	315160	95.25	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	101031	128.91	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	610943	94.75	ng		0.00
78) Terphenyl-d14	12.63	244	509234	89.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	47046	36.68	ng	#	95
3) Pyridine	2.65	79	111127	40.44	ng		99
4) n-Nitrosodimethylamine	2.63	42	48711	43.85	ng		95
6) Aniline	6.22	93	131010	32.69	ng	#	43
8) 2-Chlorophenol	6.33	128	152962	48.15	ng		94
9) Benzaldehyde	6.09	77	61101	33.71	ng		99
10) Phenol	6.22	94	184197	44.97	ng		84
11) bis(2-Chloroethyl)ether	6.30	93	153513	44.11	ng		97
12) 1,3-Dichlorobenzene	6.48	146	152329	45.84	ng		99
13) 1,4-Dichlorobenzene	6.56	146	163597	44.61	ng		99
14) 1,2-Dichlorobenzene	6.72	146	150742	43.88	ng		97
15) Benzyl Alcohol	6.71	79	124211	53.92	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	164892	43.44	ng		83
17) 2-Methylphenol	6.83	107	112150	45.67	ng		96
18) Hexachloroethane	7.05	117	62429	44.40	ng		97
19) n-Nitroso-di-n-propylamine	6.98	70	112444	50.24	ng		95
20) 3+4-Methylphenols	6.98	107	149543	47.42	ng		95
22) Acetophenone	6.97	105	196719	42.31	ng		98
24) Nitrobenzene	7.14	77	153881	40.86	ng		100
25) Isophorone	7.38	82	303435	45.53	ng		100
26) 2-Nitrophenol	7.46	139	75253	44.70	ng		99
27) 2,4-Dimethylphenol	7.51	122	124375	46.37	ng		98
28) bis(2-Chloroethoxy)methane	7.60	93	184801	50.09	ng		99
29) 2,4-Dichlorophenol	7.70	162	125587	51.39	ng		98
30) 1,2,4-Trichlorobenzene	7.78	180	126447	45.35	ng		100
31) Naphthalene	7.85	128	452168	46.76	ng		99
32) Benzoic acid	7.68	122	66925	35.81	ng		96
33) 4-Chloroaniline	7.92	127	69830	18.97	ng		98
34) Hexachlorobutadiene	7.98	225	72166	45.19	ng		99
35) Caprolactam	8.30	113	36284m	49.19	ng		
36) 4-Chloro-3-methylphenol	8.42	107	143344	49.35	ng		92
37) 2-Methylnaphthalene	8.55	142	280863	48.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	108083	32.64	ng		99
40) Hexachlorocyclopentadiene	8.70	237	94762	98.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	76670	48.70	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	91557	45.91	ng		99
45) 1,1'-Biphenyl	9.00	154	300356	37.28	ng		99
46) 2-Chloronaphthalene	9.03	162	271660	44.90	ng		99
47) 2-Nitroaniline	9.14	65	85441	47.68	ng		99
48) Acenaphthylene	9.44	152	437577	45.91	ng		100
49) Dimethylphthalate	9.32	163	330411	45.88	ng		100
50) 2,6-Dinitrotoluene	9.38	165	73346	49.57	ng	#	87
51) Acenaphthene	9.61	154	255316	45.87	ng		99
52) 3-Nitroaniline	9.55	138	37373	23.93	ng		93
53) 2,4-Dinitrophenol	9.67	184	74167	97.03	ng		86
54) Dibenzofuran	9.78	168	363418	47.92	ng		97
55) 4-Nitrophenol	9.74	139	70764m	92.03	ng		
56) 2,4-Dinitrotoluene	9.79	165	94645	48.58	ng	#	62
57) Fluorene	10.12	166	315452	47.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	70552	52.99	ng	#	95
59) Diethylphthalate	10.02	149	352635	48.30	ng		95
60) 4-Chlorophenyl-phenylether	10.12	204	133961	44.11	ng		99
61) 4-Nitroaniline	10.17	138	69217	43.00	ng		91
62) Azobenzene	10.28	77	359012	47.74	ng		84
64) 4,6-Dinitro-2-methylphenol	10.19	198	46742	43.16	ng	#	55
65) n-Nitrosodiphenylamine	10.25	169	258656	45.68	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	83796	48.37	ng	#	90
67) Hexachlorobenzene	10.66	284	76524	43.10	ng		92
68) Atrazine	10.78	200	76956	44.24	ng		97
69) Pentachlorophenol	10.87	266	76670	88.45	ng		98
70) Phenanthrene	11.07	178	445013	47.55	ng		100
71) Anthracene	11.13	178	476028	45.75	ng		99
72) Carbazole	11.29	167	427653	48.83	ng		99
73) Di-n-butylphthalate	11.62	149	519385	44.20	ng		100
74) Fluoranthene	12.25	202	472788	48.03	ng		97
76) Benzidine	12.39	184	182572	36.94	ng		96
77) Pyrene	12.48	202	459129	45.30	ng		100
79) Butylbenzylphthalate	13.11	149	221308	48.02	ng		93
80) Benzo(a)anthracene	13.66	228	352051	46.64	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	73974	27.24	ng		98
82) Chrysene	13.70	228	366391	45.60	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	309721	46.49	ng		100
84) Di-n-octyl phthalate	14.29	149	529730	50.96	ng		99
85) Indeno(1,2,3-cd)pyrene	16.21	276	278232	48.71	ng		99
87) Benzo(b)fluoranthene	14.65	252	292774m	42.13	ng		
88) Benzo(k)fluoranthene	14.69	252	335933m	52.57	ng		
89) Benzo(a)pyrene	14.96	252	301531	48.36	ng	#	95
90) Dibenzo(a,h)anthracene	16.22	278	234445	47.74	ng		97
91) Benzo(g,h,i)perylene	16.56	276	223673	46.33	ng		97

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

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