Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101737.D
Acq On : 27 Dec 2017 2:00
Operator : SJ/JU
Sample : I6957-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Manual Integrations APPROVED
Sohil
12/27/2017 4:15:14 PM

Quant Time: Dec 27 06:51:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132397	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	489930	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	188056	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	307155	20.00	ng		0.00
75) Chrysene-d12	13.97	240	289460	20.00	ng		0.00
86) Perylene-d12	15.44	264	253814	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	745851	83.91	ng		0.01
7) Phenol-d6	6.44	99	820855	74.21	ng		0.00
23) Nitrobenzene-d5	7.36	82	510394	57.99	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	129918	71.70	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	837340	69.07	ng		0.00
78) Terphenyl-d14	12.90	244	676962	56.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	112191	24.565	ng		95
3) Pyridine	3.35	79	252499	19.899	ng		96
4) n-Nitrosodimethylamine	3.28	42	126463	21.646	ng		99
6) Aniline	6.46	93	241973	15.741	ng	#	74
8) 2-Chlorophenol	6.58	128	245815	26.291	ng		96
9) Benzaldehyde	6.35	77	155131	18.989	ng		99
10) Phenol	6.45	94	338546	26.852	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	257375	26.025	ng		97
12) 1,3-Dichlorobenzene	6.73	146	284233	26.935	ng		97
13) 1,4-Dichlorobenzene	6.81	146	293742	27.259	ng		97
14) 1,2-Dichlorobenzene	6.96	146	266750	27.501	ng		97
15) Benzyl Alcohol	6.95	79	191896	25.204	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	433132	28.617	ng		54
17) 2-Methylphenol	7.06	107	194811	22.651	ng	#	87
18) Hexachloroethane	7.29	117	85455	22.809	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	183450	25.253	ng		94
20) 3+4-Methylphenols	7.22	107	264353	29.006	ng		98
22) Acetophenone	7.20	105	362794	32.453	ng	#	97
24) Nitrobenzene	7.38	77	260206	26.713	ng		98
25) Isophorone	7.62	82	476056	26.963	ng		100
26) 2-Nitrophenol	7.70	139	88522	21.153	ng		97
27) 2,4-Dimethylphenol	7.74	122	196075	27.580	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	307051	27.378	ng		99
29) 2,4-Dichlorophenol	7.96	162	182460	25.977	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	206237	27.824	ng		97
31) Naphthalene	8.09	128	690149	27.981	ng		99
33) 4-Chloroaniline	8.16	127	163604	15.261	ng		97
34) Hexachlorobutadiene	8.20	225	120895	28.200	ng		98
35) Caprolactam	8.52	113	58291	23.901	ng		89
36) 4-Chloro-3-methylphenol	8.65	107	182627	23.657	ng		98
37) 2-Methylnaphthalene	8.79	142	432162	26.893	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	201273	31.700	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	472	11.817	ng		74
42) 2,4,6-Trichlorophenol	9.07	196	99177	25.946	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	89197	21.312	ng		96
45) 1,1'-Biphenyl	9.25	154	505469	30.308	ng		99
46) 2-Chloronaphthalene	9.27	162	367211	28.776	ng		97
47) 2-Nitroaniline	9.39	65	120922	27.430	ng		90
48) Acenaphthylene	9.69	152	532442	26.416	ng		99
49) Dimethylphthalate	9.55	163	561150	37.097	ng		99
50) 2,6-Dinitrotoluene	9.62	165	74266	24.157	ng	#	84
51) Acenaphthene	9.86	154	321641	26.561	ng		98
52) 3-Nitroaniline	9.80	138	95556	24.930	ng		98
54) Dibenzofuran	10.03	168	459502	29.859	ng		97
56) 2,4-Dinitrotoluene	10.05	165	92430	26.685	ng	#	95
57) Fluorene	10.37	166	358423	27.532	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	40803	13.569	ng	#	71
59) Diethylphthalate	10.24	149	388083	25.907	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	172985	27.725	ng		93
61) 4-Nitroaniline	10.42	138	91240	23.682	ng		93
62) Azobenzene	10.53	77	522936	33.700	ng		92
65) n-Nitrosodiphenylamine	10.49	169	323075	28.486	ng		95
66) 4-Bromophenyl-phenylether	10.86	248	100366	29.081	ng	#	83
67) Hexachlorobenzene	10.93	284	101500	27.787	ng	#	87
68) Atrazine	11.02	200	94517	27.949	ng		94
69) Pentachlorophenol	11.16	266	2867m	8.410	ng		
70) Phenanthrene	11.35	178	486808	28.499	ng		98
71) Anthracene	11.40	178	474769	27.210	ng		99
72) Carbazole	11.56	167	414586	25.379	ng		99
73) Di-n-butylphthalate	11.87	149	590663	29.790	ng		99
74) Fluoranthene	12.54	202	499767	27.874	ng		98
76) Benzidine	12.66	184	163976	13.413	ng		98
77) Pyrene	12.77	202	493758	22.729	ng		100
79) Butylbenzylphthalate	13.37	149	234432	23.850	ng		97
80) Benzo(a)anthracene	13.96	228	366899	19.196	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	124956	20.050	ng		99
82) Chrysene	14.00	228	362177	20.069	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	351480	28.231	ng		99
84) Di-n-octyl phthalate	14.53	149	606708	27.324	ng		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	45362	2.823	ng		97
87) Benzo(b)fluoranthene	15.01	252	223189	14.427	ng		99
88) Benzo(k)fluoranthene	15.04	252	186481	12.398	ng		99
89) Benzo(a)pyrene	15.38	252	142893	10.019	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	46732	3.816	ng		99
91) Benzo(g,h,i)perylene	17.40	276	32566	2.686	ng		95

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

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