Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101528.D
Acq On : 19 Dec 2017 17:54
Operator : SJ/JU
Sample : I6940-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Manual Integrations APPROVED
Sohil
12/20/2017 3:47:54 PM

Quant Time: Dec 20 07:28:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133334	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	518218	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	227216	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	385355	20.00	ng		0.00
75) Chrysene-d12	13.99	240	245979	20.00	ng		0.00
86) Perylene-d12	15.46	264	313142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	833683	93.14	ng		0.02
7) Phenol-d6	6.46	99	1096371	98.42	ng		0.00
23) Nitrobenzene-d5	7.38	82	705155	75.75	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	183147	83.65	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1070707	73.10	ng		0.00
78) Terphenyl-d14	12.92	244	796917	78.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	149553	32.516	ng		95
3) Pyridine	3.35	79	400792	31.364	ng		95
4) n-Nitrosodimethylamine	3.32	42	196485	33.394	ng		97
6) Aniline	6.48	93	108077	6.981	ng	#	50
8) 2-Chlorophenol	6.60	128	338261	35.924	ng		98
9) Benzaldehyde	6.37	77	229923	27.947	ng		95
10) Phenol	6.47	94	499189	39.315	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	357598	35.905	ng		94
12) 1,3-Dichlorobenzene	6.75	146	390387	36.735	ng		98
13) 1,4-Dichlorobenzene	6.83	146	398113	36.685	ng		98
14) 1,2-Dichlorobenzene	6.98	146	362319	37.091	ng		95
15) Benzyl Alcohol	6.96	79	272156	35.494	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	571605	37.501	ng		59
17) 2-Methylphenol	7.07	107	289955	33.477	ng	#	90
18) Hexachloroethane	7.31	117	133683	35.431	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	247457	33.825	ng		96
20) 3+4-Methylphenols	7.23	107	390782	42.577	ng		93
22) Acetophenone	7.22	105	495265	41.885	ng	#	97
24) Nitrobenzene	7.40	77	380899	36.969	ng		100
25) Isophorone	7.63	82	688396	36.861	ng		100
26) 2-Nitrophenol	7.72	139	145446	32.858	ng		95
27) 2,4-Dimethylphenol	7.75	122	314870	41.871	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	443007	37.344	ng		99
29) 2,4-Dichlorophenol	7.96	162	285867	38.478	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	300213	38.291	ng		97
31) Naphthalene	8.12	128	1018982	39.058	ng		100
33) 4-Chloroaniline	8.17	127	69762	6.152	ng		98
34) Hexachlorobutadiene	8.22	225	174531	38.489	ng		98
35) Caprolactam	8.53	113	97010	37.605	ng		91
36) 4-Chloro-3-methylphenol	8.66	107	316553	38.766	ng		100
37) 2-Methylnaphthalene	8.80	142	653945	38.473	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	309576	40.355	ng	#	97
40) Hexachlorocyclopentadiene	8.95	237	27090	31.501	ng		95
42) 2,4,6-Trichlorophenol	9.09	196	92081	19.938	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	148825	29.430	ng		94
45) 1,1'-Biphenyl	9.27	154	775058	38.463	ng		99
46) 2-Chloronaphthalene	9.30	162	586142	38.016	ng		96
47) 2-Nitroaniline	9.40	65	202825	38.080	ng		94
48) Acenaphthylene	9.71	152	856049	35.152	ng		100
49) Dimethylphthalate	9.57	163	751773	41.134	ng		99
50) 2,6-Dinitrotoluene	9.65	165	147732	39.771	ng		98
51) Acenaphthene	9.88	154	540545	36.945	ng		100
52) 3-Nitroaniline	9.82	138	109304	23.602	ng		98
54) Dibenzofuran	10.06	168	740265	39.812	ng		99
56) 2,4-Dinitrotoluene	10.06	165	173027	41.344	ng	#	86
57) Fluorene	10.40	166	618998	39.353	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	46088	12.685	ng	#	70
59) Diethylphthalate	10.26	149	647754	35.790	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	288461	38.265	ng		93
61) 4-Nitroaniline	10.43	138	155273	33.356	ng		94
62) Azobenzene	10.54	77	654092	34.887	ng		96
65) n-Nitrosodiphenylamine	10.51	169	555441	39.036	ng		95
66) 4-Bromophenyl-phenylether	10.87	248	184836	42.688	ng	#	88
67) Hexachlorobenzene	10.95	284	183608	40.065	ng	#	88
68) Atrazine	11.03	200	188222	44.363	ng		98
69) Pentachlorophenol	11.16	266	15777	14.684	ng		94
70) Phenanthrene	11.36	178	908541	42.395	ng		99
71) Anthracene	11.42	178	848217	38.748	ng		99
72) Carbazole	11.57	167	739966	36.105	ng		99
73) Di-n-butylphthalate	11.89	149	948184	38.117	ng		100
74) Fluoranthene	12.56	202	775772	34.488	ng		98
76) Benzidine	12.68	184	215857	20.778	ng		98
77) Pyrene	12.79	202	746241	40.423	ng		99
79) Butylbenzylphthalate	13.39	149	315256	37.742	ng	#	93
80) Benzo(a)anthracene	13.98	228	611025	37.619	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	119540	22.571	ng	#	98
82) Chrysene	14.02	228	573561	37.400	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	416382	39.355	ng		99
84) Di-n-octyl phthalate	14.56	149	685700	36.341	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	807011	59.094	ng		95
87) Benzo(b)fluoranthene	15.03	252	655984	34.369	ng		99
88) Benzo(k)fluoranthene	15.06	252	622763m	33.559	ng		
89) Benzo(a)pyrene	15.40	252	653848	37.161	ng		99
90) Dibenzo(a,h)anthracene	16.95	278	664151	43.963	ng		97
91) Benzo(g,h,i)perylene	17.40	276	706892	47.255	ng		94

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

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