Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099827.D
Acq On : 25 Oct 2017 21:43
Operator : SJ/JU
Sample : I6068-01MSD 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06

Manual Integrations APPROVED
Sohil
10/27/2017 8:59:17 AM

Quant Time: Oct 26 14:01:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	75735	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	313699	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	143282	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	256197	20.00	ng		0.00
75) Chrysene-d12	13.99	240	185599	20.00	ng		0.00
86) Perylene-d12	15.46	264	158709	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	108428	22.48	ng		0.00
7) Phenol-d6	6.43	99	136751	23.91	ng		0.00
23) Nitrobenzene-d5	7.36	82	74849	15.36	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	30449	23.32	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	172572	18.58	ng		0.00
78) Terphenyl-d14	12.92	244	143986	16.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	11139	5.229	ng		88
3) Pyridine	3.36	79	29086m	5.678	ng		
4) n-Nitrosodimethylamine	3.24	42	6743	3.684	ng	#	96
6) Aniline	6.46	93	38576	5.201	ng	#	83
8) 2-Chlorophenol	6.58	128	40697	7.916	ng		94
9) Benzaldehyde	6.36	77	24559	7.185	ng		89
10) Phenol	6.45	94	56342	8.971	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	37876	7.810	ng		94
12) 1,3-Dichlorobenzene	6.73	146	43647	7.561	ng		95
13) 1,4-Dichlorobenzene	6.81	146	43982	7.507	ng		98
14) 1,2-Dichlorobenzene	6.96	146	42955	8.044	ng		97
15) Benzyl Alcohol	6.95	79	30529	8.393	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	48182	8.944	ng		65
17) 2-Methylphenol	7.06	107	33631	7.820	ng		95
18) Hexachloroethane	7.30	117	10653	5.450	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	26165	7.806	ng		97
20) 3+4-Methylphenols	7.22	107	46378	9.262	ng	#	81
22) Acetophenone	7.20	105	57310	8.024	ng	#	93
24) Nitrobenzene	7.38	77	37928	7.725	ng	#	93
25) Isophorone	7.62	82	72526	8.203	ng		95
26) 2-Nitrophenol	7.70	139	18255	6.492	ng	#	87
27) 2,4-Dimethylphenol	7.74	122	37116	8.958	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	47694	7.702	ng		97
29) 2,4-Dichlorophenol	7.95	162	34575	8.033	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	36575	7.953	ng		99
31) Naphthalene	8.10	128	131560	8.688	ng		99
33) 4-Chloroaniline	8.16	127	39085	6.251	ng		94
34) Hexachlorobutadiene	8.21	225	18182	7.687	ng		97
35) Caprolactam	8.50	113	8809	6.508	ng	#	72
36) 4-Chloro-3-methylphenol	8.65	107	35125	7.996	ng		97
37) 2-Methylnaphthalene	8.79	142	90463	8.915	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	33923	7.331	ng		98
42) 2,4,6-Trichlorophenol	9.08	196	23424	8.368	ng		96
43) 2,4,5-Trichlorophenol	9.13	196	23380	7.871	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.26	154	102986	7.945	ng		97
46) 2-Chloronaphthalene	9.29	162	76420	8.118	ng		94
47) 2-Nitroaniline	9.39	65	19083	7.724	ng	#	78
48) Acenaphthylene	9.70	152	151352	10.439	ng		100
49) Dimethylphthalate	9.56	163	95590	8.424	ng		99
50) 2,6-Dinitrotoluene	9.63	165	17477	7.327	ng		90
51) Acenaphthene	9.87	154	82597	9.324	ng		98
52) 3-Nitroaniline	9.80	138	21220	7.550	ng		97
54) Dibenzofuran	10.05	168	120783	9.659	ng		96
55) 4-Nitrophenol	10.00	139	19532	13.300	ng		88
56) 2,4-Dinitrotoluene	10.05	165	21192	7.377	ng	#	88
57) Fluorene	10.39	166	103799	10.025	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	17069m	8.196	ng		
59) Diethylphthalate	10.26	149	87798	7.924	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	38376	7.876	ng		91
61) 4-Nitroaniline	10.42	138	21287	7.938	ng		84
62) Azobenzene	10.54	77	85724	9.229	ng		82
65) n-Nitrosodiphenylamine	10.50	169	74224	7.848	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	21157	7.844	ng		89
67) Hexachlorobenzene	10.94	284	21085	7.641	ng		95
68) Atrazine	11.02	200	22536	7.933	ng		97
69) Pentachlorophenol	11.15	266	13782	11.689	ng		96
70) Phenanthrene	11.36	178	448296	31.006	ng		98
71) Anthracene	11.41	178	208382	14.199	ng		100
72) Carbazole	11.57	167	135939	9.850	ng		98
73) Di-n-butylphthalate	11.89	149	145218	8.250	ng	#	98
74) Fluoranthene	12.55	202	637187	42.407	ng		99
77) Pyrene	12.79	202	585155	41.463	ng		99
79) Butylbenzylphthalate	13.39	149	55651	8.008	ng		90
80) Benzo(a)anthracene	13.97	228	336798	28.625	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	27021	6.327	ng		98
82) Chrysene	14.02	228	293488	26.533	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	83294	8.535	ng		99
84) Di-n-octyl phthalate	14.56	149	126758	7.567	ng		95
85) Indeno(1,2,3-cd)pyrene	16.94	276	138536	13.643	ng		99
87) Benzo(b)fluoranthene	15.03	252	309767	30.910	ng	#	96
88) Benzo(k)fluoranthene	15.06	252	170616m	18.054	ng		
89) Benzo(a)pyrene	15.40	252	242979	26.991	ng		96
90) Dibenzo(a,h)anthracene	16.94	278	72074	9.010	ng	#	96
91) Benzo(g,h,i)perylene	17.39	276	118973	15.202	ng		96

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

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