Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097882.D
Acq On : 19 Aug 2017 16:47
Operator : SJ/JU
Sample : I4846-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MSD

Manual Integrations APPROVED
Sohil
8/21/2017 5:20:02 PM

Quant Time: Aug 21 04:33:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	154795	20.00	ng		-0.02
21) Naphthalene-d8	8.05	136	641515	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	287566	20.00	ng		-0.02
63) Phenanthrene-d10	11.28	188	505687	20.00	ng		-0.02
75) Chrysene-d12	13.91	240	280090	20.00	ng		-0.03
86) Perylene-d12	15.33	264	273141	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	981512	96.45	ng		-0.01
7) Phenol-d6	6.40	99	1358730	98.26	ng		0.00
23) Nitrobenzene-d5	7.33	82	886018	75.03	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	254235	101.89	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	1283315	65.57	ng		-0.02
78) Terphenyl-d14	12.86	244	910513	67.79	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	101933	17.960	ng		92
3) Pyridine	3.22	79	261145	16.644	ng		86
4) n-Nitrosodimethylamine	3.16	42	125561	20.798	ng		81
6) Aniline	6.43	93	315511	16.243	ng		97
8) 2-Chlorophenol	6.55	128	258198	24.058	ng		99
9) Benzaldehyde	6.31	77	98927	11.295	ng		92
10) Phenol	6.42	94	385870	23.861	ng		98
11) bis(2-Chloroethyl)ether	6.50	93	287322	23.540	ng		97
12) 1,3-Dichlorobenzene	6.70	146	249936	21.650	ng	#	93
13) 1,4-Dichlorobenzene	6.78	146	254568	21.682	ng		94
14) 1,2-Dichlorobenzene	6.93	146	239065	22.082	ng		99
15) Benzyl Alcohol	6.90	79	269547	26.038	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	392965	23.929	ng		91
17) 2-Methylphenol	7.02	107	238859	25.255	ng		96
18) Hexachloroethane	7.27	117	105910	23.008	ng	#	81
19) n-Nitroso-di-n-propylamine	7.18	70	221847	23.437	ng		90
20) 3+4-Methylphenols	7.17	107	285125	24.682	ng	#	84
22) Acetophenone	7.17	105	386517	22.807	ng	#	90
24) Nitrobenzene	7.35	77	340009	25.859	ng		92
25) Isophorone	7.59	82	625012	25.454	ng		97
26) 2-Nitrophenol	7.66	139	128742	29.324	ng	#	77
27) 2,4-Dimethylphenol	7.70	122	231812	22.636	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	391038	24.223	ng		98
29) 2,4-Dichlorophenol	7.90	162	212092	24.950	ng		94
30) 1,2,4-Trichlorobenzene	7.99	180	214459	22.757	ng		98
31) Naphthalene	8.07	128	757816	22.754	ng		100
32) Benzoic acid	7.80	122	126920	21.145	ng		84
33) 4-Chloroaniline	8.12	127	199528	14.206	ng		99
34) Hexachlorobutadiene	8.19	225	126781	23.042	ng		98
35) Caprolactam	8.48	113	70470m	24.384	ng		
36) 4-Chloro-3-methylphenol	8.60	107	261549	23.947	ng	#	79
37) 2-Methylnaphthalene	8.76	142	512171	25.084	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	206736	23.425	ng	#	98
40) Hexachlorocyclopentadiene	8.91	237	166295	39.223	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	145947	24.632	ng		100
43) 2,4,5-Trichlorophenol	9.07	196	154076	26.212	ng		95
45) 1,1'-Biphenyl	9.22	154	605738	23.099	ng		96
46) 2-Chloronaphthalene	9.25	162	438369	22.625	ng	#	92
47) 2-Nitroaniline	9.34	65	174084	26.800	ng		93
48) Acenaphthylene	9.66	152	712742	23.425	ng		100
49) Dimethylphthalate	9.53	163	691725	32.908	ng		99
50) 2,6-Dinitrotoluene	9.59	165	113409	27.029	ng	#	66
51) Acenaphthene	9.83	154	458659	23.901	ng		99
52) 3-Nitroaniline	9.75	138	97450	18.002	ng		88
53) 2,4-Dinitrophenol	9.85	184	53362	33.488	ng	#	76
54) Dibenzofuran	10.00	168	641017	24.924	ng		99
55) 4-Nitrophenol	9.91	139	181362	41.998	ng	#	31
56) 2,4-Dinitrotoluene	9.99	165	143308	27.216	ng	#	56
57) Fluorene	10.35	166	459518	23.110	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	120340	26.443	ng		96
59) Diethylphthalate	10.22	149	578547	26.319	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	226684	24.539	ng		88
61) 4-Nitroaniline	10.36	138	111356	21.643	ng	#	72
62) Azobenzene	10.50	77	664119	25.435	ng		93
64) 4,6-Dinitro-2-methylphenol	10.39	198	42319	23.001	ng	#	75
65) n-Nitrosodiphenylamine	10.46	169	432331	25.106	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	137738	26.230	ng		97
67) Hexachlorobenzene	10.89	284	124740	23.305	ng	#	90
68) Atrazine	10.99	200	133422	29.216	ng		96
69) Pentachlorophenol	11.09	266	127275	40.783	ng		98
70) Phenanthrene	11.30	178	679977	25.234	ng		100
71) Anthracene	11.36	178	650071	23.785	ng		100
72) Carbazole	11.51	167	575947	22.200	ng		99
73) Di-n-butylphthalate	11.85	149	866402	28.993	ng		99
74) Fluoranthene	12.49	202	645119	22.937	ng		98
76) Benzidine	12.61	184	154132	16.784	ng	#	93
77) Pyrene	12.72	202	626539	27.350	ng		99
79) Butylbenzylphthalate	13.34	149	295569	33.652	ng	#	68
80) Benzo(a)anthracene	13.90	228	402769	23.993	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	114035	20.131	ng	#	97
82) Chrysene	13.93	228	412755	24.717	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	383310	39.384	ng		99
84) Di-n-octyl phthalate	14.51	149	635565	37.531	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	403529	32.849	ng		93
87) Benzo(b)fluoranthene	14.92	252	432543	25.123	ng		98
88) Benzo(k)fluoranthene	14.95	252	359956m	22.253	ng		
89) Benzo(a)pyrene	15.27	252	388219	25.471	ng		97
90) Dibenzo(a,h)anthracene	16.73	278	318642	25.679	ng		98
91) Benzo(g,h,i)perylene	17.13	276	320616	24.763	ng		94

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

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