Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097848.D
Acq On : 18 Aug 2017 22:28
Operator : SJ/JU
Sample : I4811-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E4-24MSD

Manual Integrations APPROVED
mohammad
8/21/2017 8:19:18 AM

Quant Time: Aug 19 21:52:43 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	6.77	152	120212	20.00	ng		-0.02
21) Naphthalene-d8	8.06	136	476850	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	215631	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	430226	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	355014	20.00	ng		0.00
86) Perylene-d12	15.36	264	302677	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	957577	121.16	ng		0.00
7) Phenol-d6	6.41	99	1307197	121.74	ng		0.00
23) Nitrobenzene-d5	7.34	82	822818	93.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	253892	135.70	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1172468	79.89	ng		-0.01
78) Terphenyl-d14	12.88	244	1082446	63.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	145071	32.915	ng		91
3) Pyridine	3.19	79	396972	32.580	ng		87
4) n-Nitrosodimethylamine	3.15	42	181442	38.701	ng		86
6) Aniline	6.43	93	484807	32.139	ng		99
8) 2-Chlorophenol	6.56	128	339548	40.739	ng		94
9) Benzaldehyde	6.32	77	140038	20.589	ng		87
10) Phenol	6.42	94	499335	39.760	ng		98
11) bis(2-Chloroethyl)ether	6.52	93	386780	40.805	ng		95
12) 1,3-Dichlorobenzene	6.72	146	334161	37.273	ng	#	95
13) 1,4-Dichlorobenzene	6.79	146	340998	37.398	ng		95
14) 1,2-Dichlorobenzene	6.95	146	316181	37.608	ng		99
15) Benzyl Alcohol	6.92	79	356544	44.349	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	502706	39.417	ng		92
17) 2-Methylphenol	7.03	107	310697	42.301	ng		95
18) Hexachloroethane	7.29	117	137132	38.361	ng	#	81
19) n-Nitroso-di-n-propylamine	7.19	70	278714	37.916	ng		90
20) 3+4-Methylphenols	7.18	107	368244	41.048	ng		98
22) Acetophenone	7.19	105	497637	39.504	ng	#	89
24) Nitrobenzene	7.36	77	444369	45.467	ng		92
25) Isophorone	7.60	82	794352	43.521	ng		97
26) 2-Nitrophenol	7.67	139	169744	47.945	ng	#	80
27) 2,4-Dimethylphenol	7.71	122	299565	39.353	ng		93
28) bis(2-Chloroethoxy)methane	7.81	93	489206	40.768	ng		98
29) 2,4-Dichlorophenol	7.91	162	272321	43.097	ng		91
30) 1,2,4-Trichlorobenzene	8.00	180	272044	38.837	ng		100
31) Naphthalene	8.08	128	967887	39.098	ng		99
32) Benzoic acid	7.76	122	7141m	7.520	ng		
33) 4-Chloroaniline	8.13	127	332928	31.888	ng		99
34) Hexachlorobutadiene	8.20	225	152554	37.300	ng		98
35) Caprolactam	8.49	113	93694m	43.616	ng		
36) 4-Chloro-3-methylphenol	8.61	107	344142	42.390	ng	#	78
37) 2-Methylnaphthalene	8.77	142	632836	41.696	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	252723	38.189	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	284248	89.409	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	184665	41.564	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	195944	44.455	ng		96
45) 1,1'-Biphenyl	9.23	154	745665	37.921	ng		97
46) 2-Chloronaphthalene	9.26	162	554511	38.166	ng	#	92
47) 2-Nitroaniline	9.35	65	237400	48.741	ng		93
48) Acenaphthylene	9.67	152	917350	40.207	ng		99
49) Dimethylphthalate	9.54	163	814155	51.653	ng		99
50) 2,6-Dinitrotoluene	9.60	165	145067	46.108	ng	#	56
51) Acenaphthene	9.85	154	576104	40.037	ng		99
52) 3-Nitroaniline	9.76	138	159487	39.290	ng		80
53) 2,4-Dinitrophenol	9.87	184	53298	41.239	ng	#	76
54) Dibenzofuran	10.02	168	818617	42.448	ng		99
55) 4-Nitrophenol	9.93	139	274876	84.887	ng	#	34
56) 2,4-Dinitrotoluene	10.00	165	198048	50.159	ng	#	51
57) Fluorene	10.36	166	593210	39.785	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.13	232	160033	46.895	ng		96
59) Diethylphthalate	10.24	149	691217	41.935	ng		100
60) 4-Chlorophenyl-phenylether	10.35	204	270918	39.111	ng		90
61) 4-Nitroaniline	10.38	138	177561	46.024	ng	#	69
62) Azobenzene	10.51	77	856550	43.748	ng		93
64) 4,6-Dinitro-2-methylphenol	10.40	198	80550	41.165	ng		91
65) n-Nitrosodiphenylamine	10.47	169	563205	38.443	ng		97
66) 4-Bromophenyl-phenylether	10.84	248	174757	39.116	ng		99
67) Hexachlorobenzene	10.90	284	169060	37.126	ng	#	84
68) Atrazine	11.00	200	174083	44.806	ng		99
69) Pentachlorophenol	11.10	266	189315	71.304	ng		99
70) Phenanthrene	11.32	178	907146	39.569	ng		99
71) Anthracene	11.37	178	947196	40.735	ng		99
72) Carbazole	11.53	167	914480	41.432	ng		98
73) Di-n-butylphthalate	11.86	149	1068674	42.035	ng		99
74) Fluoranthene	12.50	202	999709	41.778	ng		99
76) Benzidine	12.63	184	315937	27.142	ng	#	90
77) Pyrene	12.73	202	1039620	35.804	ng		99
79) Butylbenzylphthalate	13.36	149	475029	42.671	ng	#	72
80) Benzo(a)anthracene	13.92	228	804444	37.807	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	260371	36.264	ng	#	96
82) Chrysene	13.96	228	813882	38.452	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	548357	44.452	ng	#	99
84) Di-n-octyl phthalate	14.53	149	1076839	50.169	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	688939	44.246	ng		94
87) Benzo(b)fluoranthene	14.95	252	774715	40.606	ng		98
88) Benzo(k)fluoranthene	14.98	252	693588	38.695	ng	#	93
89) Benzo(a)pyrene	15.30	252	701092	41.510	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	567285	41.256	ng		99
91) Benzo(g,h,i)perylene	17.18	276	586848	40.903	ng		93

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

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