Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097847.D
Acq On : 18 Aug 2017 22:00
Operator : SJ/JU
Sample : I4811-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Manual Integrations APPROVED
Sohil
8/21/2017 6:18:39 AM

Quant Time: Aug 19 01:24:37 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	112095	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	447208	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	202305	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	401979	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	333649	20.00	ng		-0.01
86) Perylene-d12	15.36	264	277971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	840384	114.04	ng		0.00
7) Phenol-d6	6.41	99	1154403	115.29	ng		0.00
23) Nitrobenzene-d5	7.34	82	728799	88.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	225200	128.30	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1047371	76.06	ng		-0.01
78) Terphenyl-d14	12.88	244	987611	61.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	124597	30.316	ng		90
3) Pyridine	3.19	79	223840	19.701	ng		88
4) n-Nitrosodimethylamine	3.13	42	156165	35.721	ng		81
6) Aniline	6.43	93	402401	28.608	ng		98
8) 2-Chlorophenol	6.56	128	299671	38.558	ng		96
9) Benzaldehyde	6.32	77	125716	19.822	ng		85
10) Phenol	6.42	94	444117	37.924	ng		97
11) bis(2-Chloroethyl)ether	6.51	93	328173	37.129	ng		97
12) 1,3-Dichlorobenzene	6.71	146	293129	35.064	ng	#	90
13) 1,4-Dichlorobenzene	6.79	146	295459	34.750	ng	#	95
14) 1,2-Dichlorobenzene	6.95	146	280894	35.830	ng		99
15) Benzyl Alcohol	6.92	79	317617	42.368	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	434868	36.567	ng		91
17) 2-Methylphenol	7.03	107	273250	39.897	ng		96
18) Hexachloroethane	7.29	117	119470	35.840	ng	#	82
19) n-Nitroso-di-n-propylamine	7.19	70	248991	36.325	ng		89
20) 3+4-Methylphenols	7.18	107	325176	38.872	ng		94
22) Acetophenone	7.19	105	440028	37.246	ng	#	87
24) Nitrobenzene	7.36	77	393181	42.896	ng		93
25) Isophorone	7.60	82	694338	40.563	ng		97
26) 2-Nitrophenol	7.67	139	145320	44.225	ng	#	82
27) 2,4-Dimethylphenol	7.71	122	264811	37.094	ng		92
28) bis(2-Chloroethoxy)methane	7.81	93	426863	37.931	ng		98
29) 2,4-Dichlorophenol	7.91	162	237441	40.067	ng		92
30) 1,2,4-Trichlorobenzene	8.00	180	240288	36.577	ng		99
31) Naphthalene	8.08	128	855827	36.862	ng		100
32) Benzoic acid	7.77	122	21496	9.986	ng		90
33) 4-Chloroaniline	8.13	127	313511	32.019	ng		99
34) Hexachlorobutadiene	8.20	225	133410	34.782	ng		95
35) Caprolactam	8.49	113	66946m	33.230	ng		
36) 4-Chloro-3-methylphenol	8.61	107	298920	39.260	ng	#	80
37) 2-Methylnaphthalene	8.77	142	562410	39.512	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	223638	36.020	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	261672	87.730	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	165668	39.744	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	171870	41.562	ng		94
45) 1,1'-Biphenyl	9.23	154	665542	36.076	ng		96
46) 2-Chloronaphthalene	9.26	162	490890	36.013	ng	#	92
47) 2-Nitroaniline	9.35	65	206248	45.134	ng		93
48) Acenaphthylene	9.67	152	825618	38.570	ng		99
49) Dimethylphthalate	9.54	163	718256	48.570	ng		99
50) 2,6-Dinitrotoluene	9.60	165	127463	43.181	ng	#	63
51) Acenaphthene	9.85	154	534044	39.558	ng		99
52) 3-Nitroaniline	9.76	138	141544	37.166	ng	#	80
53) 2,4-Dinitrophenol	9.87	184	81241	60.666	ng	#	78
54) Dibenzofuran	10.02	168	727982	40.235	ng		99
55) 4-Nitrophenol	9.93	139	241405	79.462	ng	#	38
56) 2,4-Dinitrotoluene	10.00	165	172971	46.693	ng	#	49
57) Fluorene	10.36	166	533937	38.169	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	143127	44.704	ng		95
59) Diethylphthalate	10.24	149	618171	39.974	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	245258	37.739	ng		90
61) 4-Nitroaniline	10.37	138	154382	42.651	ng	#	65
62) Azobenzene	10.51	77	761408	41.450	ng		92
64) 4,6-Dinitro-2-methylphenol	10.40	198	74145	40.678	ng		87
65) n-Nitrosodiphenylamine	10.47	169	500984	36.599	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	155834	37.332	ng		98
67) Hexachlorobenzene	10.90	284	152552	35.855	ng	#	87
68) Atrazine	11.00	200	158766	43.735	ng		98
69) Pentachlorophenol	11.10	266	172950	69.717	ng		98
70) Phenanthrene	11.32	178	818429	38.208	ng		99
71) Anthracene	11.37	178	839465	38.639	ng		99
72) Carbazole	11.52	167	815444	39.541	ng		99
73) Di-n-butylphthalate	11.86	149	970340	40.849	ng		99
74) Fluoranthene	12.50	202	900276	40.267	ng		100
76) Benzidine	12.62	184	63897	5.841	ng	#	92
77) Pyrene	12.73	202	930408	34.095	ng		98
79) Butylbenzylphthalate	13.36	149	420370	40.179	ng	#	72
80) Benzo(a)anthracene	13.92	228	720623	36.037	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	243441	36.077	ng	#	96
82) Chrysene	13.96	228	741786	37.290	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	495380	42.729	ng	#	100
84) Di-n-octyl phthalate	14.53	149	964250	47.800	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	619772	42.353	ng		94
87) Benzo(b)fluoranthene	14.94	252	706086	40.299	ng		99
88) Benzo(k)fluoranthene	14.97	252	622575	37.820	ng	#	95
89) Benzo(a)pyrene	15.30	252	634278	40.891	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	509548	40.351	ng		98
91) Benzo(g,h,i)perylene	17.18	276	525394	39.874	ng	#	92

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

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