Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098608.D
Acq On : 18 Sep 2017 18:05
Operator : SJ/JU
Sample : I5244-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-X(0-5)COMPMS

Manual Integrations APPROVED
Sohil
9/19/2017 5:31:51 PM

Quant Time: Sep 19 06:39:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	115115	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	468397	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	210978	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	339421	20.00	ng		0.00
75) Chrysene-d12	13.79	240	215194	20.00	ng		0.00
86) Perylene-d12	15.18	264	196181	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	988572	126.97	ng		0.02
7) Phenol-d6	6.30	99	1208354	122.24	ng		0.01
23) Nitrobenzene-d5	7.21	82	764265	90.96	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	214724	152.49	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1230894	98.89	ng		0.00
78) Terphenyl-d14	12.73	244	842051	84.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	106631	26.535	ng	#	84
3) Pyridine	2.98	79	286785	26.873	ng	#	74
4) n-Nitrosodimethylamine	2.95	42	175890	33.618	ng		84
6) Aniline	6.30	93	306908	24.747	ng	#	33
8) 2-Chlorophenol	6.43	128	344436	40.231	ng		95
9) Benzaldehyde	6.19	77	157467	24.368	ng		100
10) Phenol	6.31	94	431985	37.623	ng	#	73
11) bis(2-Chloroethyl)ether	6.38	93	319291	36.882	ng		93
12) 1,3-Dichlorobenzene	6.57	146	353976	41.078	ng		97
13) 1,4-Dichlorobenzene	6.65	146	357533	40.506	ng		95
14) 1,2-Dichlorobenzene	6.80	146	335282	41.693	ng		100
15) Benzyl Alcohol	6.79	79	304861	46.339	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.92	45	515802	36.212	ng		54
17) 2-Methylphenol	6.92	107	282940	40.529	ng	#	86
18) Hexachloroethane	7.14	117	124393	36.799	ng	#	86
19) n-Nitroso-di-n-propylamine	7.06	70	256240	41.209	ng		96
20) 3+4-Methylphenols	7.07	107	370152	42.015	ng	#	69
22) Acetophenone	7.06	105	508835	42.032	ng	#	92
24) Nitrobenzene	7.23	77	370332	38.696	ng		98
25) Isophorone	7.47	82	663667	39.041	ng		99
26) 2-Nitrophenol	7.55	139	180764	46.781	ng	#	81
27) 2,4-Dimethylphenol	7.59	122	294672	40.004	ng		93
28) bis(2-Chloroethoxy)methane	7.68	93	416829	40.186	ng		99
29) 2,4-Dichlorophenol	7.79	162	283432	46.265	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	308609	46.309	ng		98
31) Naphthalene	7.95	128	978587	42.262	ng		100
32) Benzoic acid	7.70	122	13753	10.291	ng		96
33) 4-Chloroaniline	8.00	127	174211	18.512	ng		99
34) Hexachlorobutadiene	8.06	225	167507	48.963	ng		99
35) Caprolactam	8.39	113	84233m	39.873	ng		
36) 4-Chloro-3-methylphenol	8.50	107	310439	40.861	ng	#	81
37) 2-Methylnaphthalene	8.63	142	636212	45.359	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	277365	42.205	ng		98
40) Hexachlorocyclopentadiene	8.78	237	35384	25.957	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	179906	46.606	ng		93
43) 2,4,5-Trichlorophenol	8.97	196	186537	46.233	ng		95
45) 1,1'-Biphenyl	9.10	154	759332	40.211	ng		99
46) 2-Chloronaphthalene	9.12	162	570689	42.316	ng	#	91
47) 2-Nitroaniline	9.23	65	204583	39.523	ng		93
48) Acenaphthylene	9.53	152	800684	39.930	ng		99
49) Dimethylphthalate	9.40	163	861278	52.737	ng		100
50) 2,6-Dinitrotoluene	9.47	165	149914	44.688	ng	#	79
51) Acenaphthene	9.70	154	514411	40.357	ng		97
52) 3-Nitroaniline	9.64	138	113475	28.022	ng		99
53) 2,4-Dinitrophenol	9.76	184	29384	25.080	ng	#	82
54) Dibenzofuran	9.87	168	735345	43.791	ng		96
55) 4-Nitrophenol	9.83	139	158972	68.329	ng	#	38
56) 2,4-Dinitrotoluene	9.88	165	180723	44.312	ng	#	55
57) Fluorene	10.22	166	567211	40.810	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	132607	48.905	ng		96
59) Diethylphthalate	10.10	149	683173	43.986	ng		97
60) 4-Chlorophenyl-phenylether	10.21	204	284996	44.394	ng		95
61) 4-Nitroaniline	10.26	138	129757	31.729	ng		77
62) Azobenzene	10.37	77	617686	36.899	ng		94
64) 4,6-Dinitro-2-methylphenol	10.29	198	53972	28.208	ng		81
65) n-Nitrosodiphenylamine	10.33	169	516478	46.862	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	158710	49.267	ng		96
67) Hexachlorobenzene	10.77	284	146429	44.813	ng	#	90
68) Atrazine	10.87	200	167147	49.263	ng		97
69) Pentachlorophenol	10.97	266	113665	78.705	ng		97
70) Phenanthrene	11.17	178	815741	45.335	ng		98
71) Anthracene	11.23	178	795735	43.073	ng		97
72) Carbazole	11.39	167	671698	39.013	ng		98
73) Di-n-butylphthalate	11.72	149	949166	46.012	ng		99
74) Fluoranthene	12.36	202	854285	47.426	ng		98
76) Benzidine	12.49	184	179410	18.838	ng	#	92
77) Pyrene	12.59	202	918947	54.132	ng		100
79) Butylbenzylphthalate	13.21	149	327210	44.430	ng	#	82
80) Benzo(a)anthracene	13.78	228	656146	52.007	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	160059	32.645	ng	#	95
82) Chrysene	13.82	228	599715	47.025	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	467713	50.603	ng		99
84) Di-n-octyl phthalate	14.38	149	771244	48.635	ng		99
85) Indeno(1,2,3-cd)pyrene	16.52	276	452616	50.586	ng	#	91
87) Benzo(b)fluoranthene	14.80	252	658291	53.366	ng		97
88) Benzo(k)fluoranthene	14.82	252	474218m	41.180	ng		
89) Benzo(a)pyrene	15.13	252	539613	49.103	ng		98
90) Dibenzo(a,h)anthracene	16.53	278	369258m	46.191	ng		
91) Benzo(g,h,i)perylene	16.92	276	371301	46.178	ng	#	91

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

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