Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098609.D
Acq On : 18 Sep 2017 18:33
Operator : SJ/JU
Sample : I5244-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
9/19/2017 5:31:53 PM

Quant Time: Sep 19 06:41:47 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	117104	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	476836	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	208245	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	329000	20.00	ng		0.00
75) Chrysene-d12	13.79	240	205257	20.00	ng		0.00
86) Perylene-d12	15.18	264	186460	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	640352	80.85	ng		0.01
7) Phenol-d6	6.29	99	774126	76.98	ng		0.00
23) Nitrobenzene-d5	7.21	82	486900	56.93	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	131210	94.40	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	806589	65.65	ng		0.00
78) Terphenyl-d14	12.73	244	517797	54.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	71540	17.500	ng	#	88
4) n-Nitrosodimethylamine	2.92	42	110974	20.850	ng		82
8) 2-Chlorophenol	6.43	128	230984	26.521	ng		100
9) Benzaldehyde	6.18	77	119404	18.164	ng		90
10) Phenol	6.30	94	284950	24.395	ng		92
11) bis(2-Chloroethyl)ether	6.37	93	213102	24.198	ng		93
12) 1,3-Dichlorobenzene	6.57	146	235065	26.815	ng		98
13) 1,4-Dichlorobenzene	6.65	146	240524	26.787	ng		95
14) 1,2-Dichlorobenzene	6.80	146	224287	27.417	ng		98
15) Benzyl Alcohol	6.79	79	197349	29.487	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.92	45	344074	23.745	ng	#	23
17) 2-Methylphenol	6.92	107	185357	26.100	ng	#	85
18) Hexachloroethane	7.14	117	79047	22.987	ng	#	87
19) n-Nitroso-di-n-propylamine	7.06	70	167619	26.499	ng		97
20) 3+4-Methylphenols	7.07	107	249933	27.887	ng	#	63
22) Acetophenone	7.05	105	332118	26.949	ng		92
24) Nitrobenzene	7.23	77	242931	24.935	ng		96
25) Isophorone	7.46	82	429910	24.843	ng		99
26) 2-Nitrophenol	7.54	139	117161	29.784	ng	#	74
27) 2,4-Dimethylphenol	7.59	122	195269	26.040	ng		93
28) bis(2-Chloroethoxy)methane	7.68	93	276140	26.151	ng		99
29) 2,4-Dichlorophenol	7.79	162	184412	29.569	ng		94
30) 1,2,4-Trichlorobenzene	7.86	180	197526	29.116	ng		99
31) Naphthalene	7.94	128	645035	27.364	ng		99
32) Benzoic acid	7.72	122	50424	16.329	ng		93
33) 4-Chloroaniline	8.00	127	64013	6.682	ng		99
34) Hexachlorobutadiene	8.06	225	109642	31.482	ng		99
35) Caprolactam	8.37	113	47233m	21.963	ng		
36) 4-Chloro-3-methylphenol	8.50	107	199284	25.766	ng	#	83
37) 2-Methylnaphthalene	8.63	142	409496	28.679	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	178415	27.504	ng		99
40) Hexachlorocyclopentadiene	8.78	237	15512	16.993	ng		93
42) 2,4,6-Trichlorophenol	8.92	196	117840	30.928	ng		93
43) 2,4,5-Trichlorophenol	8.97	196	122821	30.841	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.10	154	498778	26.760	ng		100
46) 2-Chloronaphthalene	9.12	162	363886	27.336	ng		94
47) 2-Nitroaniline	9.23	65	129248	25.297	ng		98
48) Acenaphthylene	9.53	152	516538	26.098	ng		100
49) Dimethylphthalate	9.40	163	587288	36.433	ng		100
50) 2,6-Dinitrotoluene	9.47	165	94056	28.405	ng	#	72
51) Acenaphthene	9.70	154	328901	26.142	ng		98
52) 3-Nitroaniline	9.64	138	75608	18.916	ng		95
53) 2,4-Dinitrophenol	9.76	184	26305	23.540	ng	#	84
54) Dibenzofuran	9.87	168	477279	28.796	ng		97
55) 4-Nitrophenol	9.82	139	92220	40.158	ng	#	38
56) 2,4-Dinitrotoluene	9.87	165	115555	28.705	ng	#	41
57) Fluorene	10.22	166	367330	26.776	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	84698	31.646	ng		94
59) Diethylphthalate	10.10	149	435724	28.422	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	186856	29.488	ng		90
61) 4-Nitroaniline	10.25	138	81460	20.180	ng	#	75
62) Azobenzene	10.37	77	394866	23.898	ng		95
64) 4,6-Dinitro-2-methylphenol	10.29	198	30063	18.321	ng	#	71
65) n-Nitrosodiphenylamine	10.33	169	327460	30.653	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	100879	32.307	ng		96
67) Hexachlorobenzene	10.76	284	91979	29.040	ng	#	83
68) Atrazine	10.86	200	105630	32.118	ng		96
69) Pentachlorophenol	10.97	266	61064	46.715	ng		96
70) Phenanthrene	11.17	178	500427	28.692	ng		98
71) Anthracene	11.23	178	494802	27.632	ng		97
72) Carbazole	11.39	167	411032	24.630	ng		99
73) Di-n-butylphthalate	11.72	149	599573	29.986	ng		99
74) Fluoranthene	12.36	202	460574	26.379	ng		95
77) Pyrene	12.59	202	452055	27.918	ng		99
79) Butylbenzylphthalate	13.21	149	202479	28.825	ng	#	85
80) Benzo(a)anthracene	13.77	228	358203	29.766	ng		98
81) 3,3'-Dichlorobenzidine	13.74	252	89924	19.228	ng	#	95
82) Chrysene	13.81	228	340872	28.023	ng		97
83) Bis(2-ethylhexyl)phthalate	13.77	149	293520	33.294	ng	#	100
84) Di-n-octyl phthalate	14.37	149	487462	32.228	ng		99
85) Indeno(1,2,3-cd)pyrene	16.52	276	265064	31.059	ng	#	90
87) Benzo(b)fluoranthene	14.79	252	345875m	29.501	ng		
88) Benzo(k)fluoranthene	14.82	252	306280m	27.983	ng		
89) Benzo(a)pyrene	15.13	252	305870m	29.284	ng		
90) Dibenzo(a,h)anthracene	16.52	278	217666	28.648	ng		96
91) Benzo(g,h,i)perylene	16.91	276	211813	27.716	ng	#	89

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

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