Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100180.D
Acq On : 4 Nov 2017 16:03
Operator : SJ/JU
Sample : I6313-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF010-01MSD

Manual Integrations APPROVED
Sohil
11/6/2017 2:26:15 PM

Quant Time: Nov 06 01:26:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	89166	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	371325	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	175090	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	308918	20.00	ng		0.00
75) Chrysene-d12	13.94	240	172781	20.00	ng		-0.01
86) Perylene-d12	15.40	264	149775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	600232	105.68	ng		0.00
7) Phenol-d6	6.42	99	677589	100.62	ng		0.00
23) Nitrobenzene-d5	7.34	82	386485	67.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	162337	101.74	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	787704	69.41	ng		-0.01
78) Terphenyl-d14	12.87	244	675478	85.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	69979	27.902	ng	#	90
3) Pyridine	3.33	79	90801	15.055	ng		86
4) n-Nitrosodimethylamine	3.25	42	60719	28.180	ng	#	61
6) Aniline	6.44	93	207229	23.733	ng	#	76
8) 2-Chlorophenol	6.56	128	213471	35.266	ng		91
9) Benzaldehyde	6.33	77	76844	19.096	ng		91
10) Phenol	6.43	94	267202	36.138	ng		87
11) bis(2-Chloroethyl)ether	6.50	93	185403	32.472	ng		94
12) 1,3-Dichlorobenzene	6.70	146	223647m	32.906	ng		
13) 1,4-Dichlorobenzene	6.78	146	226234	32.797	ng		98
14) 1,2-Dichlorobenzene	6.93	146	209997	33.403	ng		97
15) Benzyl Alcohol	6.92	79	148832	34.752	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	234594	36.987	ng	#	24
17) 2-Methylphenol	7.04	107	169225	33.422	ng	#	91
18) Hexachloroethane	7.26	117	72697	31.589	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	131163	33.236	ng		89
20) 3+4-Methylphenols	7.19	107	228656	38.784	ng	#	84
22) Acetophenone	7.18	105	277784	32.855	ng	#	91
24) Nitrobenzene	7.36	77	194311	33.436	ng		92
25) Isophorone	7.59	82	370986	35.447	ng		97
26) 2-Nitrophenol	7.67	139	121354	36.459	ng	#	81
27) 2,4-Dimethylphenol	7.71	122	192659	39.284	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	244084	33.301	ng		100
29) 2,4-Dichlorophenol	7.92	162	189053	37.108	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	181607	33.362	ng		99
31) Naphthalene	8.07	128	604705	33.737	ng		99
32) Benzoic acid	7.86	122	52222	12.097	ng		95
33) 4-Chloroaniline	8.13	127	157534	21.284	ng	#	94
34) Hexachlorobutadiene	8.17	225	89240	31.872	ng		98
35) Caprolactam	8.51	113	54517m	34.027	ng		
36) 4-Chloro-3-methylphenol	8.63	107	182262	35.050	ng		89
37) 2-Methylnaphthalene	8.76	142	420845	35.036	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	175471	31.030	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	29801	36.517	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	116275	33.993	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	112793	31.074	ng	#	93
45) 1,1'-Biphenyl	9.22	154	501496	31.661	ng		97
46) 2-Chloronaphthalene	9.25	162	388781	33.798	ng		95
47) 2-Nitroaniline	9.36	65	99364	32.912	ng		86
48) Acenaphthylene	9.66	152	578830	32.671	ng		99
49) Dimethylphthalate	9.53	163	481771	34.746	ng		99
50) 2,6-Dinitrotoluene	9.60	165	101410	34.790	ng	#	81
51) Acenaphthene	9.83	154	348531	32.195	ng		98
52) 3-Nitroaniline	9.78	138	85055	24.764	ng		87
53) 2,4-Dinitrophenol	9.91	184	48738	45.060	ng	#	78
54) Dibenzofuran	10.01	168	532007	34.815	ng		97
55) 4-Nitrophenol	9.97	139	73027	40.693	ng		80
56) 2,4-Dinitrotoluene	10.02	165	135250	38.529	ng	#	75
57) Fluorene	10.35	166	424330	33.538	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	88253	34.677	ng		91
59) Diethylphthalate	10.22	149	441582	32.612	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	196272	32.962	ng		95
61) 4-Nitroaniline	10.40	138	103630	31.625	ng	#	79
62) Azobenzene	10.50	77	368309	32.448	ng		89
64) 4,6-Dinitro-2-methylphenol	10.44	198	49090	25.280	ng	#	69
65) n-Nitrosodiphenylamine	10.46	169	376524	33.018	ng		97
66) 4-Bromophenyl-phenylether	10.83	248	113040	34.759	ng	#	88
67) Hexachlorobenzene	10.90	284	110477	33.205	ng	#	88
68) Atrazine	10.99	200	116116	33.898	ng		98
69) Pentachlorophenol	11.11	266	64607	45.444	ng		97
70) Phenanthrene	11.32	178	582041	33.386	ng		98
71) Anthracene	11.37	178	605920	34.240	ng		99
72) Carbazole	11.53	167	560407	33.676	ng		98
73) Di-n-butylphthalate	11.84	149	682036	32.133	ng	#	98
74) Fluoranthene	12.51	202	564196	31.141	ng		97
76) Benzidine	12.63	184	134166	17.746	ng		97
77) Pyrene	12.74	202	561806	42.761	ng		99
79) Butylbenzylphthalate	13.34	149	255762	39.533	ng		86
80) Benzo(a)anthracene	13.93	228	360562	32.919	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	93579	23.536	ng		96
82) Chrysene	13.97	228	346073	33.608	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	319836	35.203	ng		98
84) Di-n-octyl phthalate	14.50	149	463220	29.706	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	344840	36.479	ng		98
87) Benzo(b)fluoranthene	14.97	252	303628m	32.104	ng		
88) Benzo(k)fluoranthene	15.00	252	277413	31.106	ng		99
89) Benzo(a)pyrene	15.34	252	286487	33.722	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	290418	38.472	ng		97
91) Benzo(g,h,i)perylene	17.30	276	301348	40.803	ng		97

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

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