Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100177.D
Acq On : 4 Nov 2017 14:42
Operator : SJ/JU
Sample : I6099-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-P-1MSD

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

Quant Time: Nov 06 01:18:49 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	91182	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	384175	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	182426	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	317776	20.00	ng		0.00
75) Chrysene-d12	13.94	240	170090	20.00	ng		0.00
86) Perylene-d12	15.40	264	153791	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	566252	97.50	ng		0.00
7) Phenol-d6	6.42	99	658294	95.59	ng		0.00
23) Nitrobenzene-d5	7.34	82	358821	60.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	152014	91.44	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	632441	53.49	ng		-0.01
78) Terphenyl-d14	12.87	244	507667	65.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	66628	25.978	ng	#	88
3) Pyridine	3.30	79	147618	23.934	ng		90
4) n-Nitrosodimethylamine	3.25	42	61320	27.830	ng	#	60
6) Aniline	6.44	93	202648	22.695	ng	#	69
8) 2-Chlorophenol	6.56	128	223041	36.033	ng		93
9) Benzaldehyde	6.33	77	85062	20.670	ng		87
10) Phenol	6.43	94	271539	35.913	ng		87
11) bis(2-Chloroethyl)ether	6.50	93	198794	34.047	ng		93
12) 1,3-Dichlorobenzene	6.70	146	227739	32.767	ng	#	96
13) 1,4-Dichlorobenzene	6.78	146	234442	33.236	ng		97
14) 1,2-Dichlorobenzene	6.93	146	216301	33.645	ng		97
15) Benzyl Alcohol	6.92	79	155246	35.448	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	243999	37.620	ng	#	30
17) 2-Methylphenol	7.04	107	177090	34.202	ng	#	92
18) Hexachloroethane	7.26	117	75577	32.115	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	137613	34.099	ng		93
20) 3+4-Methylphenols	7.20	107	240614	39.910	ng		96
22) Acetophenone	7.19	105	288874	33.024	ng	#	91
24) Nitrobenzene	7.36	77	205065	34.106	ng		91
25) Isophorone	7.59	82	394897	36.470	ng		97
26) 2-Nitrophenol	7.67	139	125504	36.444	ng	#	82
27) 2,4-Dimethylphenol	7.71	122	198141	39.050	ng		96
28) bis(2-Chloroethoxy)methane	7.80	93	259598	34.233	ng		99
29) 2,4-Dichlorophenol	7.92	162	199789	37.904	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	190650	33.852	ng		98
31) Naphthalene	8.07	128	624359	33.668	ng		99
32) Benzoic acid	7.85	122	22347	5.004	ng		92
33) 4-Chloroaniline	8.13	127	135258	17.663	ng	#	93
34) Hexachlorobutadiene	8.17	225	93676	32.337	ng		97
35) Caprolactam	8.51	113	59310m	35.781	ng		
36) 4-Chloro-3-methylphenol	8.63	107	194060	36.071	ng		93
37) 2-Methylnaphthalene	8.76	142	443871	35.717	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	183816	31.198	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	26229	32.951	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	126863	35.597	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	127205	33.635	ng	#	93
45) 1,1'-Biphenyl	9.22	154	518056	31.391	ng		98
46) 2-Chloronaphthalene	9.25	162	407683	34.016	ng		95
47) 2-Nitroaniline	9.36	65	107001	34.016	ng		85
48) Acenaphthylene	9.66	152	606024	32.830	ng		99
49) Dimethylphthalate	9.53	163	594759	41.169	ng		99
50) 2,6-Dinitrotoluene	9.60	165	105047	34.589	ng	#	86
51) Acenaphthene	9.83	154	367957	32.623	ng		98
52) 3-Nitroaniline	9.78	138	83494	23.332	ng		89
53) 2,4-Dinitrophenol	9.92	184	22337	23.048	ng	#	87
54) Dibenzofuran	10.01	168	556040	34.924	ng		97
55) 4-Nitrophenol	9.97	139	76745	41.045	ng		81
56) 2,4-Dinitrotoluene	10.02	165	146636	40.092	ng	#	74
57) Fluorene	10.35	166	443781	33.665	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	104004	39.222	ng	#	88
59) Diethylphthalate	10.22	149	466382	33.058	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	207535	33.452	ng		90
61) 4-Nitroaniline	10.40	138	108280	31.715	ng		82
62) Azobenzene	10.50	77	401511	33.951	ng		89
64) 4,6-Dinitro-2-methylphenol	10.44	198	44706	22.380	ng	#	70
65) n-Nitrosodiphenylamine	10.46	169	397487	33.885	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	118051	35.288	ng	#	87
67) Hexachlorobenzene	10.90	284	117686	34.386	ng		92
68) Atrazine	10.99	200	123127	34.943	ng		98
69) Pentachlorophenol	11.11	266	79536	54.385	ng		98
70) Phenanthrene	11.32	178	601741	33.554	ng		99
71) Anthracene	11.37	178	631754	34.705	ng		99
72) Carbazole	11.53	167	573834	33.522	ng		98
73) Di-n-butylphthalate	11.84	149	731954	33.523	ng		98
74) Fluoranthene	12.51	202	577863	31.006	ng		99
76) Benzidine	12.63	184	171169	22.998	ng		97
77) Pyrene	12.74	202	570003	44.072	ng		99
79) Butylbenzylphthalate	13.34	149	260989	40.979	ng		87
80) Benzo(a)anthracene	13.93	228	358351	33.234	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	90654	23.161	ng		98
82) Chrysene	13.97	228	344858	34.020	ng		97
83) Bis(2-ethylhexyl)phthalate	13.89	149	336420	37.615	ng	#	98
84) Di-n-octyl phthalate	14.50	149	478374	31.163	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	360265	38.713	ng		97
87) Benzo(b)fluoranthene	14.98	252	304761	31.383	ng		99
88) Benzo(k)fluoranthene	15.00	252	287770	31.425	ng		98
89) Benzo(a)pyrene	15.34	252	299814	34.369	ng	#	96
90) Dibenzo(a,h)anthracene	16.86	278	303116	39.105	ng		97
91) Benzo(g,h,i)perylene	17.31	276	314725	41.501	ng		99

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

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