Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099412.D
Acq On : 12 Oct 2017 23:20
Operator : SJ/JU
Sample : I5729-11MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6W-(2-3)MS

Manual Integrations APPROVED
Sohil
10/13/2017 3:06:30 PM

Quant Time: Oct 13 04:23:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	130742	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	520384	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	207788	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	290052	20.00	ng		0.00
75) Chrysene-d12	14.02	240	228763	20.00	ng		0.00
86) Perylene-d12	15.49	264	191282	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	989424	120.47	ng		0.02
7) Phenol-d6	6.50	99	1197310	118.18	ng		0.01
23) Nitrobenzene-d5	7.43	82	716532	88.30	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	177072	104.14	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1156557	92.92	ng		0.00
78) Terphenyl-d14	12.96	244	752462	74.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	134913	34.388	ng		95
3) Pyridine	3.47	79	394496	37.171	ng		93
4) n-Nitrosodimethylamine	3.43	42	159745	35.495	ng	#	78
6) Aniline	6.53	93	322023	23.550	ng		98
8) 2-Chlorophenol	6.65	128	371440	39.936	ng		95
9) Benzaldehyde	6.41	77	136077	23.154	ng		93
10) Phenol	6.52	94	472695	41.717	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	358219	40.666	ng		98
12) 1,3-Dichlorobenzene	6.80	146	389110	39.947	ng		97
13) 1,4-Dichlorobenzene	6.87	146	393650	39.721	ng		97
14) 1,2-Dichlorobenzene	7.03	146	362597	39.597	ng		98
15) Benzyl Alcohol	7.00	79	277955	37.397	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	484848	35.328	ng		89
17) 2-Methylphenol	7.12	107	307789	40.444	ng		96
18) Hexachloroethane	7.36	117	117714	33.045	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	230460	35.628	ng		93
20) 3+4-Methylphenols	7.27	107	353396	36.707	ng	#	75
22) Acetophenone	7.27	105	481156	38.163	ng	#	96
24) Nitrobenzene	7.45	77	364491	39.598	ng		92
25) Isophorone	7.68	82	677975	40.412	ng		98
26) 2-Nitrophenol	7.76	139	187509	42.361	ng	#	88
27) 2,4-Dimethylphenol	7.79	122	312725	37.410	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	444779	42.542	ng		99
29) 2,4-Dichlorophenol	8.00	162	300872	41.921	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	298246	41.549	ng		99
31) Naphthalene	8.16	128	997486	40.813	ng		100
32) Benzoic acid	7.87	122	19206	2.797	ng		96
33) 4-Chloroaniline	8.21	127	124615	12.210	ng		94
34) Hexachlorobutadiene	8.27	225	144711	39.140	ng		100
35) Caprolactam	8.59	113	92657m	40.247	ng		
36) 4-Chloro-3-methylphenol	8.70	107	300993	37.312	ng		96
37) 2-Methylnaphthalene	8.85	142	663872	41.784	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	263045	42.448	ng		98
40) Hexachlorocyclopentadiene	9.00	237	22225	7.848	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	184065	41.928	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	188361	42.982	ng		97
45) 1,1'-Biphenyl	9.32	154	741996	41.549	ng		98
46) 2-Chloronaphthalene	9.34	162	572331	42.685	ng		98
47) 2-Nitroaniline	9.44	65	172141	41.928	ng		93
48) Acenaphthylene	9.76	152	831605	40.515	ng		99
49) Dimethylphthalate	9.62	163	870017	55.476	ng		100
50) 2,6-Dinitrotoluene	9.68	165	144915	42.444	ng		92
51) Acenaphthene	9.93	154	485152	37.313	ng		100
52) 3-Nitroaniline	9.85	138	136895	34.387	ng		92
53) 2,4-Dinitrophenol	9.97	184	1424	6.571	ng		97
54) Dibenzofuran	10.10	168	712656	41.166	ng		98
55) 4-Nitrophenol	10.02	139	181104	53.801	ng		83
56) 2,4-Dinitrotoluene	10.09	165	167699	37.846	ng		92
57) Fluorene	10.44	166	535663	38.497	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	117526	38.822	ng		95
59) Diethylphthalate	10.31	149	637367	41.592	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	255731	40.914	ng		98
61) 4-Nitroaniline	10.47	138	139099	36.217	ng		85
62) Azobenzene	10.59	77	531146	37.696	ng		90
64) 4,6-Dinitro-2-methylphenol	10.50	198	4633	2.625	ng		86
65) n-Nitrosodiphenylamine	10.55	169	488209	48.586	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	137399	48.395	ng	#	89
67) Hexachlorobenzene	10.99	284	131017	43.207	ng		99
68) Atrazine	11.07	200	142526	47.144	ng		99
69) Pentachlorophenol	11.19	266	110080	58.330	ng		98
70) Phenanthrene	11.40	178	669241	43.105	ng		99
71) Anthracene	11.46	178	668638	42.091	ng		99
72) Carbazole	11.61	167	623257	40.064	ng		99
73) Di-n-butylphthalate	11.93	149	836060	44.650	ng		98
74) Fluoranthene	12.59	202	657883	41.846	ng		99
76) Benzidine	12.72	184	321164	37.958	ng		98
77) Pyrene	12.82	202	672211	38.535	ng		99
79) Butylbenzylphthalate	13.43	149	320571	39.102	ng		96
80) Benzo(a)anthracene	14.01	228	598009	43.171	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	198948	39.178	ng		99
82) Chrysene	14.05	228	560441	42.497	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	446317	39.537	ng		99
84) Di-n-octyl phthalate	14.59	149	809536	44.536	ng		96
85) Indeno(1,2,3-cd)pyrene	16.98	276	400498	37.964	ng		95
87) Benzo(b)fluoranthene	15.06	252	528081	44.902	ng		98
88) Benzo(k)fluoranthene	15.09	252	488425	42.047	ng		99
89) Benzo(a)pyrene	15.43	252	464051	42.985	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	345583	40.000	ng		97
91) Benzo(g,h,i)perylene	17.43	276	322353	37.746	ng		95

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

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