Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100081.D
Acq On : 2 Nov 2017 13:33
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/3/2017 11:19:12 AM

Quant Time: Nov 02 16:22:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 16:13:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	90282	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	378645	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	172600	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	276286	20.00	ng		0.00
75) Chrysene-d12	13.99	240	186943	20.00	ng		0.00
86) Perylene-d12	15.51	264	161528	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	473995	82.43	ng		0.00
7) Phenol-d6	6.42	99	563898	82.70	ng		0.00
23) Nitrobenzene-d5	7.35	82	468521	79.66	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	116125	73.83	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	915824	81.86	ng		0.00
78) Terphenyl-d14	12.89	244	684162	79.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	98394	38.747	ng	#	88
3) Pyridine	3.22	79	237235	38.848	ng		88
4) n-Nitrosodimethylamine	3.19	42	88001	40.337	ng	#	67
6) Aniline	6.45	93	364101	41.183	ng		98
8) 2-Chlorophenol	6.56	128	255605	41.705	ng		90
9) Benzaldehyde	6.33	77	150757	37.000	ng		87
10) Phenol	6.43	94	303514	40.542	ng		84
11) bis(2-Chloroethyl)ether	6.51	93	242339	41.919	ng		93
12) 1,3-Dichlorobenzene	6.71	146	280207m	40.718	ng		
13) 1,4-Dichlorobenzene	6.79	146	287356	41.143	ng		98
14) 1,2-Dichlorobenzene	6.94	146	260213	40.879	ng		98
15) Benzyl Alcohol	6.93	79	179291	41.346	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	261877	40.778	ng	#	25
17) 2-Methylphenol	7.04	107	211582	41.271	ng		96
18) Hexachloroethane	7.27	117	93291	40.037	ng		94
19) n-Nitroso-di-n-propylamine	7.19	70	166153	41.581	ng		90
20) 3+4-Methylphenols	7.20	107	260234	43.595	ng	#	77
22) Acetophenone	7.19	105	351824	40.808	ng	#	95
24) Nitrobenzene	7.37	77	240170	40.528	ng	#	87
25) Isophorone	7.60	82	440343	41.261	ng		96
26) 2-Nitrophenol	7.68	139	147805	43.547	ng	#	82
27) 2,4-Dimethylphenol	7.72	122	208372	41.666	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	311450	41.670	ng		98
29) 2,4-Dichlorophenol	7.93	162	220997	42.539	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	225392	40.605	ng		98
31) Naphthalene	8.07	128	736882	40.316	ng		100
32) Benzoic acid	7.89	122	174312	39.599	ng		89
33) 4-Chloroaniline	8.14	127	315325	41.779	ng	#	94
34) Hexachlorobutadiene	8.18	225	118914	41.649	ng		98
35) Caprolactam	8.53	113	67855	41.534	ng	#	69
36) 4-Chloro-3-methylphenol	8.63	107	218755	41.255	ng		91
37) 2-Methylnaphthalene	8.77	142	488012	39.842	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	228406	40.973	ng		97
40) Hexachlorocyclopentadiene	8.91	237	49839	50.990	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	136881	40.594	ng		96
43) 2,4,5-Trichlorophenol	9.11	196	143379	40.070	ng	#	92
45) 1,1'-Biphenyl	9.23	154	626746	40.139	ng		98
46) 2-Chloronaphthalene	9.26	162	454964	40.122	ng		95
47) 2-Nitroaniline	9.37	65	121082	40.684	ng	#	75
48) Acenaphthylene	9.67	152	680334	38.954	ng		100
49) Dimethylphthalate	9.54	163	539932	39.502	ng		99
50) 2,6-Dinitrotoluene	9.62	165	117823	41.004	ng	#	78
51) Acenaphthene	9.85	154	421375	39.485	ng		99
52) 3-Nitroaniline	9.79	138	139998	41.349	ng		90
53) 2,4-Dinitrophenol	9.92	184	43805m	41.592	ng		
54) Dibenzofuran	10.02	168	589839	39.156	ng		97
55) 4-Nitrophenol	9.97	139	61090	34.533	ng	#	77
56) 2,4-Dinitrotoluene	10.03	165	146998	42.479	ng	#	83
57) Fluorene	10.36	166	474373	38.034	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	96566	38.490	ng	#	93
59) Diethylphthalate	10.23	149	519267	38.902	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	225616	38.436	ng		92
61) 4-Nitroaniline	10.41	138	131103	40.586	ng		83
62) Azobenzene	10.52	77	410776	36.712	ng		86
64) 4,6-Dinitro-2-methylphenol	10.45	198	75236	43.320	ng	#	74
65) n-Nitrosodiphenylamine	10.47	169	445425	43.674	ng		98
66) 4-Bromophenyl-phenylether	10.84	248	124382	42.763	ng		91
67) Hexachlorobenzene	10.92	284	119276	40.084	ng		92
68) Atrazine	11.00	200	129341	42.218	ng		100
69) Pentachlorophenol	11.12	266	50395	39.634	ng		97
70) Phenanthrene	11.33	178	601829	38.598	ng		99
71) Anthracene	11.38	178	621674	39.280	ng		99
72) Carbazole	11.54	167	587916	39.502	ng		99
73) Di-n-butylphthalate	11.86	149	749880	39.502	ng	#	98
74) Fluoranthene	12.53	202	573082	35.367	ng		97
76) Benzidine	12.65	184	349877	42.772	ng		98
77) Pyrene	12.76	202	576925	40.586	ng		98
79) Butylbenzylphthalate	13.36	149	275151	39.308	ng		90
80) Benzo(a)anthracene	13.97	228	457073	38.569	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	172622	40.128	ng		98
82) Chrysene	14.02	228	433177	38.880	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	365419	37.174	ng		100
84) Di-n-octyl phthalate	14.60	149	633796	37.565	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.01	276	336593	32.909	ng		97
87) Benzo(b)fluoranthene	15.08	252	419698	41.148	ng		97
88) Benzo(k)fluoranthene	15.11	252	382360	39.755	ng		99
89) Benzo(a)pyrene	15.45	252	359532	39.241	ng	#	97
90) Dibenzo(a,h)anthracene	17.00	278	286729	35.219	ng		99
91) Benzo(g,h,i)perylene	17.46	276	273065	34.283	ng		98

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

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