Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097935.D
Acq On : 22 Aug 2017 5:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/22/2017 5:45:30 PM

Quant Time: Aug 22 08:10:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	100984	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	374101	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	135505	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	229663	20.00	ng		0.00
75) Chrysene-d12	13.90	240	190500	20.00	ng		0.00
86) Perylene-d12	15.32	264	135825	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	568057	85.56	ng		0.00
7) Phenol-d6	6.39	99	748971	83.03	ng		0.00
23) Nitrobenzene-d5	7.32	82	639758	92.90	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	87923	74.78	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	819252	88.83	ng		0.00
78) Terphenyl-d14	12.85	244	687284	75.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	162984	44.020	ng		89
3) Pyridine	3.12	79	455165	44.469	ng		89
4) n-Nitrosodimethylamine	3.08	42	167285	42.475	ng		82
6) Aniline	6.42	93	507921	40.082	ng		97
8) 2-Chlorophenol	6.54	128	292124	41.723	ng		98
9) Benzaldehyde	6.30	77	244299	42.757	ng		87
10) Phenol	6.40	94	444245	42.109	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	325401	40.866	ng		95
12) 1,3-Dichlorobenzene	6.69	146	309532	41.100	ng	#	92
13) 1,4-Dichlorobenzene	6.77	146	311916	40.722	ng	#	92
14) 1,2-Dichlorobenzene	6.92	146	285559	40.433	ng		99
15) Benzyl Alcohol	6.89	79	259761	38.463	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.03	45	411532	38.412	ng		91
17) 2-Methylphenol	7.01	107	246538	39.957	ng		96
18) Hexachloroethane	7.26	117	82526	27.481	ng	#	80
19) n-Nitroso-di-n-propylamine	7.17	70	229201	37.117	ng		90
20) 3+4-Methylphenols	7.16	107	288891	38.335	ng	#	89
22) Acetophenone	7.16	105	395803	40.049	ng	#	92
24) Nitrobenzene	7.33	77	352194	45.933	ng		90
25) Isophorone	7.57	82	577697	40.344	ng		95
26) 2-Nitrophenol	7.65	139	96344	36.141	ng	#	79
27) 2,4-Dimethylphenol	7.69	122	242412	40.592	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	382272	40.607	ng		98
29) 2,4-Dichlorophenol	7.89	162	197753	39.891	ng		92
30) 1,2,4-Trichlorobenzene	7.98	180	219637	39.967	ng		99
31) Naphthalene	8.06	128	763194	39.296	ng		100
32) Benzoic acid	7.80	122	135317	33.354	ng		88
33) 4-Chloroaniline	8.10	127	322668	39.394	ng		98
34) Hexachlorobutadiene	8.17	225	129540	40.372	ng		97
35) Caprolactam	8.47	113	64738	38.414	ng		96
36) 4-Chloro-3-methylphenol	8.59	107	237274	37.253	ng	#	78
37) 2-Methylnaphthalene	8.75	142	440161	36.966	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	189051	45.460	ng		98
40) Hexachlorocyclopentadiene	8.90	237	6912	3.460	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	121215	43.415	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	117044	42.256	ng		93
45) 1,1'-Biphenyl	9.21	154	540901	43.774	ng		96
46) 2-Chloronaphthalene	9.23	162	384703	42.136	ng	#	91
47) 2-Nitroaniline	9.33	65	161578	52.790	ng		97
48) Acenaphthylene	9.65	152	580022	40.455	ng		98
49) Dimethylphthalate	9.51	163	431451	43.559	ng		99
50) 2,6-Dinitrotoluene	9.57	165	74494	37.678	ng	#	67
51) Acenaphthene	9.82	154	346290	38.296	ng		99
52) 3-Nitroaniline	9.74	138	124817m	48.931	ng		
53) 2,4-Dinitrophenol	9.85	184	1650	11.674	ng	#	81
54) Dibenzofuran	9.99	168	461754	38.102	ng		99
55) 4-Nitrophenol	9.90	139	71384	35.080	ng	#	38
56) 2,4-Dinitrotoluene	9.97	165	83053	33.472	ng	#	56
57) Fluorene	10.33	166	356841	38.084	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	79849	37.234	ng		96
59) Diethylphthalate	10.21	149	415847	40.147	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	170773	39.232	ng		90
61) 4-Nitroaniline	10.35	138	120130	49.550	ng	#	72
62) Azobenzene	10.49	77	448568	36.458	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	3480	10.979	ng		86
65) n-Nitrosodiphenylamine	10.45	169	330017	42.198	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	98130	41.146	ng		97
67) Hexachlorobenzene	10.88	284	98695	40.601	ng	#	85
68) Atrazine	10.97	200	60532	29.185	ng		97
69) Pentachlorophenol	11.07	266	52273	36.882	ng		97
70) Phenanthrene	11.29	178	496005	40.530	ng		99
71) Anthracene	11.35	178	503010	40.524	ng		99
72) Carbazole	11.50	167	478164	40.583	ng		98
73) Di-n-butylphthalate	11.83	149	572065	42.152	ng		99
74) Fluoranthene	12.48	202	559731	43.819	ng		98
76) Benzidine	12.60	184	274368	43.927	ng		94
77) Pyrene	12.70	202	584592	37.520	ng		98
79) Butylbenzylphthalate	13.33	149	253522	42.440	ng	#	68
80) Benzo(a)anthracene	13.89	228	432502	37.881	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	185039m	48.028	ng		
82) Chrysene	13.93	228	434280	38.237	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	314754	47.549	ng		99
84) Di-n-octyl phthalate	14.50	149	587654	51.022	ng		100
85) Indeno(1,2,3-cd)pyrene	16.70	276	294680	35.269	ng		94
87) Benzo(b)fluoranthene	14.92	252	334819	39.108	ng		99
88) Benzo(k)fluoranthene	14.94	252	346377	43.063	ng	#	92
89) Benzo(a)pyrene	15.26	252	312721	41.260	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	254854	41.303	ng		98
91) Benzo(g,h,i)perylene	17.12	276	253698	39.404	ng	#	92

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

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