Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
Data File : BM011251.D
Acq On : 16 Aug 2017 11:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/17/2017 6:00:27 PM

Quant Time: Aug 16 14:38:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	75126	20.00	ng		0.00
21) Naphthalene-d8	10.05	136	328460	20.00	ng		0.00
38) Acenaphthene-d10	13.95	164	265638	20.00	ng		0.00
63) Phenanthrene-d10	16.72	188	782761	20.00	ng		0.00
75) Chrysene-d12	20.94	240	1158763	20.00	ng		0.00
86) Perylene-d12	23.01	264	1069929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.93	112	406878	91.55	ng		0.00
7) Phenol-d6	6.49	99	594853	94.21	ng		0.00
23) Nitrobenzene-d5	8.43	82	916135	104.68	ng		0.00
41) 2,4,6-Tribromophenol	15.46	330	393293	92.37	ng		0.00
44) 2-Fluorobiphenyl	12.56	172	1732586	81.80	ng		0.00
78) Terphenyl-d14	19.39	244	4594232	78.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	105321	52.782	ng	#	100
3) Pyridine	3.30	79	276277	50.690	ng	#	87
4) n-Nitrosodimethylamine	3.22	42	183301	65.994	ng	#	62
6) Aniline	6.63	93	363583	45.686	ng	#	79
8) 2-Chlorophenol	6.86	128	199500	44.216	ng	#	66
9) Benzaldehyde	6.45	77	187778	45.962	ng	#	62
10) Phenol	6.52	94	321308	46.849	ng	#	73
11) bis(2-Chloroethyl)ether	6.74	93	254225	47.573	ng	#	78
12) 1,3-Dichlorobenzene	7.17	146	247409	44.993	ng	#	60
13) 1,4-Dichlorobenzene	7.32	146	251387	44.600	ng	#	88
14) 1,2-Dichlorobenzene	7.63	146	238542	44.264	ng	#	86
15) Benzyl Alcohol	7.54	79	286339	47.271	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.83	45	259982	54.065	ng		76
17) 2-Methylphenol	7.75	107	206748	47.167	ng	#	62
18) Hexachloroethane	8.34	117	125441	51.033	ng	#	79
19) n-Nitroso-di-n-propylamine	8.10	70	314081	58.534	ng	#	95
20) 3+4-Methylphenols	8.07	107	286620	47.040	ng	#	78
22) Acetophenone	8.11	105	434752	44.156	ng	#	84
24) Nitrobenzene	8.47	77	479062	52.826	ng	#	74
25) Isophorone	9.00	82	738487	50.610	ng	#	81
26) 2-Nitrophenol	9.18	139	117200	40.616	ng	#	1
27) 2,4-Dimethylphenol	9.26	122	216059	42.534	ng	#	59
28) bis(2-Chloroethoxy)methane	9.49	93	379205	46.595	ng		99
29) 2,4-Dichlorophenol	9.71	162	244934	42.910	ng		86
30) 1,2,4-Trichlorobenzene	9.92	180	315610	44.719	ng		96
31) Naphthalene	10.09	128	706813	42.776	ng		97
32) Benzoic acid	9.40	122	153888	37.690	ng	#	36
33) 4-Chloroaniline	10.22	127	248861	37.754	ng	#	58
34) Hexachlorobutadiene	10.38	225	274475	49.377	ng		99
35) Caprolactam	11.01	113	67757m	41.858	ng		
36) 4-Chloro-3-methylphenol	11.36	107	344188	46.698	ng	#	69
37) 2-Methylnaphthalene	11.72	142	535416	44.109	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.10	216	475421	41.657	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	247642	37.239	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.36	196	289485	41.908	ng		99
43) 2,4,5-Trichlorophenol	12.44	196	283539	39.853	ng	#	87
45) 1,1'-Biphenyl	12.77	154	927063	40.361	ng		96
46) 2-Chloronaphthalene	12.81	162	680537	40.213	ng	#	90
47) 2-Nitroaniline	13.03	65	320775	53.578	ng	#	55
48) Acenaphthylene	13.67	152	1054906	41.768	ng		99
49) Dimethylphthalate	13.43	163	938816	41.314	ng	#	99
50) 2,6-Dinitrotoluene	13.55	165	200808	43.699	ng	#	25
51) Acenaphthene	14.02	154	671249	42.923	ng		99
52) 3-Nitroaniline	13.89	138	150110	37.644	ng	#	15
53) 2,4-Dinitrophenol	14.09	184	141457	43.314	ng	#	75
54) Dibenzofuran	14.36	168	1127373	44.492	ng		93
55) 4-Nitrophenol	14.23	139	88284	25.199	ng	#	58
56) 2,4-Dinitrotoluene	14.34	165	290690	45.060	ng	#	65
57) Fluorene	15.02	166	995251	45.112	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.60	232	300479	45.059	ng	#	100
59) Diethylphthalate	14.82	149	1030968	44.424	ng		97
60) 4-Chlorophenyl-phenylether	15.02	204	596657	44.794	ng		96
61) 4-Nitroaniline	15.06	138	126529	29.873	ng	#	1
62) Azobenzene	15.32	77	1430244	57.583	ng		83
64) 4,6-Dinitro-2-methylphenol	15.12	198	228425	43.106	ng		92
65) n-Nitrosodiphenylamine	15.24	169	896487	40.019	ng		99
66) 4-Bromophenyl-phenylether	15.92	248	406894	40.436	ng	#	87
67) Hexachlorobenzene	16.02	284	463888	40.796	ng	#	85
68) Atrazine	16.22	200	340929	37.977	ng		98
69) Pentachlorophenol	16.37	266	304092	42.124	ng		98
70) Phenanthrene	16.76	178	1800543	43.930	ng		98
71) Anthracene	16.84	178	1791462	43.826	ng		99
72) Carbazole	17.13	167	1597158	44.678	ng		98
73) Di-n-butylphthalate	17.72	149	1927626	44.279	ng	#	95
74) Fluoranthene	18.79	202	2480535	48.836	ng		98
76) Benzidine	19.02	184	650154m	23.454	ng		
77) Pyrene	19.16	202	2682673	38.963	ng		100
79) Butylbenzylphthalate	20.10	149	953402	38.940	ng	#	58
80) Benzo(a)anthracene	20.93	228	2837838	42.891	ng		98
81) 3,3'-Dichlorobenzidine	20.88	252	1051714	40.519	ng	#	97
82) Chrysene	20.98	228	2710534	42.678	ng		99
83) Bis(2-ethylhexyl)phthalate	20.89	149	1425435	39.575	ng		97
84) Di-n-octyl phthalate	21.74	149	2434255	41.641	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.04	276	2995582	45.542	ng	#	96
87) Benzo(b)fluoranthene	22.41	252	2828642	41.192	ng	#	91
88) Benzo(k)fluoranthene	22.45	252	2870143	43.608	ng	#	95
89) Benzo(a)pyrene	22.93	252	2709820	43.611	ng	#	95
90) Dibenzo(a,h)anthracene	25.05	278	2359447	40.961	ng	#	89
91) Benzo(g,h,i)perylene	25.65	276	2437719	43.097	ng	#	84

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

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