Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
Data File : BM011327.D
Acq On : 22 Aug 2017 15:06
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/23/2017 7:21:23 PM

Quant Time: Aug 23 03:19:52 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	7.26	152	130848	20.00	ng		-0.02
21) Naphthalene-d8	10.02	136	514940	20.00	ng		-0.02
38) Acenaphthene-d10	13.93	164	374119	20.00	ng		-0.02
63) Phenanthrene-d10	16.70	188	992953	20.00	ng		-0.02
75) Chrysene-d12	20.93	240	1248973	20.00	ng		-0.02
86) Perylene-d12	22.99	264	1083624	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	676489	87.40	ng		-0.02
7) Phenol-d6	6.47	99	1007266	91.59	ng		-0.02
23) Nitrobenzene-d5	8.42	82	1470202	107.16	ng		-0.02
41) 2,4,6-Tribromophenol	15.44	330	494450	82.46	ng		-0.02
44) 2-Fluorobiphenyl	12.54	172	2429510	81.44	ng		-0.02
78) Terphenyl-d14	19.37	244	5192244	82.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	163760	47.120	ng	#	100
3) Pyridine	3.28	79	482674	50.845	ng		87
4) n-Nitrosodimethylamine	3.20	42	263850	54.541	ng	#	66
6) Aniline	6.62	93	652301	47.060	ng	#	80
8) 2-Chlorophenol	6.84	128	319825	40.697	ng	#	64
9) Benzaldehyde	6.43	77	335816	47.193	ng	#	72
10) Phenol	6.50	94	546672	45.764	ng		89
11) bis(2-Chloroethyl)ether	6.72	93	416538	44.753	ng		89
12) 1,3-Dichlorobenzene	7.16	146	389083	40.625	ng	#	75
13) 1,4-Dichlorobenzene	7.30	146	405760	41.332	ng	#	89
14) 1,2-Dichlorobenzene	7.61	146	381769	40.673	ng	#	90
15) Benzyl Alcohol	7.52	79	509053	48.250	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.79	45	451752	53.938	ng		84
17) 2-Methylphenol	7.72	107	341573	44.741	ng	#	70
18) Hexachloroethane	8.32	117	188556	44.043	ng	#	82
19) n-Nitroso-di-n-propylamine	8.08	70	513308	54.924	ng	#	89
20) 3+4-Methylphenols	8.05	107	464809	43.798	ng	#	77
22) Acetophenone	8.09	105	697680	45.199	ng	#	86
24) Nitrobenzene	8.46	77	764134	53.746	ng	#	82
25) Isophorone	8.98	82	1170299	51.158	ng	#	84
26) 2-Nitrophenol	9.16	139	196113	43.352	ng	#	1
27) 2,4-Dimethylphenol	9.23	122	328173	41.209	ng	#	55
28) bis(2-Chloroethoxy)methane	9.47	93	603889	47.331	ng	#	98
29) 2,4-Dichlorophenol	9.69	162	377006	42.130	ng		91
30) 1,2,4-Trichlorobenzene	9.89	180	476219	43.040	ng		96
31) Naphthalene	10.07	128	1094598	42.254	ng		98
32) Benzoic acid	9.39	122	259462	40.534	ng	#	57
33) 4-Chloroaniline	10.20	127	422414	40.876	ng	#	65
34) Hexachlorobutadiene	10.36	225	403849	46.341	ng		98
35) Caprolactam	10.99	113	109774	43.256	ng	#	77
36) 4-Chloro-3-methylphenol	11.34	107	529286	45.806	ng	#	69
37) 2-Methylnaphthalene	11.70	142	796991	41.880	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.08	216	685765	42.665	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	323175	34.506	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	414046	42.559	ng		97
43) 2,4,5-Trichlorophenol	12.42	196	415426	41.460	ng	#	82
45) 1,1'-Biphenyl	12.75	154	1307641	40.422	ng		95
46) 2-Chloronaphthalene	12.79	162	970851	40.733	ng	#	92
47) 2-Nitroaniline	13.02	65	465352	55.188	ng	#	58
48) Acenaphthylene	13.65	152	1500994	42.198	ng		97
49) Dimethylphthalate	13.42	163	1314230	41.064	ng		99
50) 2,6-Dinitrotoluene	13.53	165	273350	42.237	ng	#	46
51) Acenaphthene	14.00	154	900820	40.901	ng		95
52) 3-Nitroaniline	13.86	138	228030	40.603	ng	#	10
53) 2,4-Dinitrophenol	14.07	184	174807	38.006	ng	#	76
54) Dibenzofuran	14.34	168	1494724	41.885	ng	#	90
55) 4-Nitrophenol	14.20	139	166433m	33.730	ng		
56) 2,4-Dinitrotoluene	14.33	165	404930	44.568	ng	#	71
57) Fluorene	15.00	166	1317080	42.389	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.58	232	405580	43.184	ng	#	100
59) Diethylphthalate	14.80	149	1390703	42.549	ng		99
60) 4-Chlorophenyl-phenylether	15.00	204	789128	42.066	ng		97
61) 4-Nitroaniline	15.04	138	205892	34.515	ng	#	1
62) Azobenzene	15.30	77	1860097	53.174	ng		84
64) 4,6-Dinitro-2-methylphenol	15.10	198	276657	41.156	ng		95
65) n-Nitrosodiphenylamine	15.23	169	1157915	40.747	ng		98
66) 4-Bromophenyl-phenylether	15.90	248	518699	40.635	ng	#	88
67) Hexachlorobenzene	16.00	284	573319	39.747	ng	#	86
68) Atrazine	16.20	200	462801	40.640	ng		96
69) Pentachlorophenol	16.36	266	369294	40.327	ng		96
70) Phenanthrene	16.74	178	2219382	42.686	ng		99
71) Anthracene	16.83	178	2216685	42.749	ng		99
72) Carbazole	17.12	167	1996226	44.021	ng		98
73) Di-n-butylphthalate	17.70	149	2392772	43.329	ng	#	96
74) Fluoranthene	18.77	202	2943849	45.689	ng		98
76) Benzidine	18.99	184	835510	27.963	ng		98
77) Pyrene	19.14	202	3050958	41.111	ng		99
79) Butylbenzylphthalate	20.09	149	1105259	41.882	ng	#	54
80) Benzo(a)anthracene	20.91	228	3001182	42.083	ng		98
81) 3,3'-Dichlorobenzidine	20.86	252	1152641	41.200	ng	#	96
82) Chrysene	20.96	228	2872779	41.965	ng		98
83) Bis(2-ethylhexyl)phthalate	20.88	149	1615914	41.623	ng	#	98
84) Di-n-octyl phthalate	21.72	149	2694596	42.765	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.00	276	2935651	41.407	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2887380	41.516	ng	#	92
88) Benzo(k)fluoranthene	22.43	252	2803485	42.057	ng	#	95
89) Benzo(a)pyrene	22.90	252	2640693	41.961	ng	#	96
90) Dibenzo(a,h)anthracene	25.01	278	2380336	40.801	ng	#	91
91) Benzo(g,h,i)perylene	25.61	276	2386152	41.652	ng	#	85

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

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