Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
Data File : BM014218.D
Acq On : 13 Feb 2018 11:28
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/14/2018 10:31:54 AM

Quant Time: Feb 14 04:28:12 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	74711	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	372333	20.00	ng		0.00
38) Acenaphthene-d10	14.19	164	273200	20.00	ng		0.00
63) Phenanthrene-d10	16.95	188	717516	20.00	ng		0.00
75) Chrysene-d12	21.16	240	780090	20.00	ng		-0.01
86) Perylene-d12	23.33	264	626069	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	322747	75.30	ng		0.00
7) Phenol-d6	6.73	99	468882	77.24	ng		0.00
23) Nitrobenzene-d5	8.70	82	644703	77.34	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	317261	81.84	ng		0.00
44) 2-Fluorobiphenyl	12.80	172	1703940	77.86	ng		0.00
78) Terphenyl-d14	19.60	244	3105654	77.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	65531	37.204	ng	#	100
3) Pyridine	3.52	79	197779	40.549	ng	#	88
4) n-Nitrosodimethylamine	3.45	42	131086	42.189	ng	#	44
6) Aniline	6.89	93	287397	37.135	ng	#	88
8) 2-Chlorophenol	7.10	128	188847	38.763	ng		97
9) Benzaldehyde	6.70	77	159805	36.577	ng		82
10) Phenol	6.76	94	227746	38.001	ng		99
11) bis(2-Chloroethyl)ether	6.98	93	179981	37.992	ng		93
12) 1,3-Dichlorobenzene	7.42	146	226941	37.268	ng	#	84
13) 1,4-Dichlorobenzene	7.57	146	237088	38.755	ng	#	90
14) 1,2-Dichlorobenzene	7.88	146	235897	38.317	ng	#	92
15) Benzyl Alcohol	7.79	79	221034	39.295	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.07	45	183620	38.106	ng		88
17) 2-Methylphenol	7.99	107	175248	38.207	ng	#	78
18) Hexachloroethane	8.59	117	109013	41.226	ng	#	91
19) n-Nitroso-di-n-propylamine	8.35	70	208936	39.952	ng	#	89
20) 3+4-Methylphenols	8.32	107	253911	38.223	ng		86
22) Acetophenone	8.36	105	401281	37.482	ng	#	90
24) Nitrobenzene	8.74	77	319813	37.263	ng		94
25) Isophorone	9.26	82	516592	37.409	ng	#	90
26) 2-Nitrophenol	9.45	139	117737	36.366	ng	#	39
27) 2,4-Dimethylphenol	9.51	122	188290	38.157	ng	#	82
28) bis(2-Chloroethoxy)methane	9.74	93	274643	38.781	ng		97
29) 2,4-Dichlorophenol	9.97	162	218962	39.711	ng		92
30) 1,2,4-Trichlorobenzene	10.17	180	274788	37.804	ng		96
31) Naphthalene	10.36	128	776256	38.076	ng		99
32) Benzoic acid	9.70	122	153909m	37.756	ng		
33) 4-Chloroaniline	10.49	127	326163	38.488	ng	#	84
34) Hexachlorobutadiene	10.63	225	201951	40.502	ng		98
35) Caprolactam	11.30	113	75345m	38.211	ng		
36) 4-Chloro-3-methylphenol	11.63	107	275552	40.336	ng	#	87
37) 2-Methylnaphthalene	11.98	142	609460	39.695	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	368046	38.447	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	179908	35.766	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	217788	38.727	ng		99
43) 2,4,5-Trichlorophenol	12.69	196	243200	39.170	ng	#	85
45) 1,1'-Biphenyl	13.02	154	924058	39.046	ng		98
46) 2-Chloronaphthalene	13.06	162	700259	38.980	ng	#	91
47) 2-Nitroaniline	13.29	65	257877	39.009	ng	#	71
48) Acenaphthylene	13.92	152	1155341	39.221	ng		99
49) Dimethylphthalate	13.67	163	948311	38.774	ng	#	99
50) 2,6-Dinitrotoluene	13.80	165	192685	38.394	ng	#	66
51) Acenaphthene	14.26	154	715066	39.381	ng		98
52) 3-Nitroaniline	14.13	138	191323	36.855	ng	#	64
53) 2,4-Dinitrophenol	14.35	184	86739	35.122	ng		89
54) Dibenzofuran	14.60	168	1125135	39.656	ng	#	88
55) 4-Nitrophenol	14.46	139	131559	35.459	ng	#	80
56) 2,4-Dinitrotoluene	14.60	165	300609	38.813	ng	#	75
57) Fluorene	15.25	166	999740	40.052	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.83	232	240654	39.342	ng	#	100
59) Diethylphthalate	15.04	149	1111626	40.946	ng		98
60) 4-Chlorophenyl-phenylether	15.25	204	531884	40.992	ng		95
61) 4-Nitroaniline	15.30	138	196637	37.855	ng	#	18
62) Azobenzene	15.54	77	1174146	41.643	ng		83
64) 4,6-Dinitro-2-methylphenol	15.36	198	173854	36.840	ng		89
65) n-Nitrosodiphenylamine	15.47	169	876145	38.679	ng		99
66) 4-Bromophenyl-phenylether	16.14	248	324648	38.603	ng	#	78
67) Hexachlorobenzene	16.26	284	354337	38.377	ng	#	78
68) Atrazine	16.44	200	341131	40.152	ng		100
69) Pentachlorophenol	16.61	266	207681	36.342	ng		99
70) Phenanthrene	16.99	178	1678594	38.781	ng		99
71) Anthracene	17.09	178	1651587	39.161	ng		99
72) Carbazole	17.37	167	1513029	38.166	ng		99
73) Di-n-butylphthalate	17.93	149	2086687	41.130	ng	#	97
74) Fluoranthene	19.02	202	1999512	39.239	ng		100
76) Benzidine	19.22	184	872387	37.551	ng		98
77) Pyrene	19.39	202	2086674	38.503	ng		98
79) Butylbenzylphthalate	20.30	149	945280	38.731	ng	#	78
80) Benzo(a)anthracene	21.14	228	1922064	37.919	ng		98
81) 3,3'-Dichlorobenzidine	21.09	252	702445	37.078	ng	#	96
82) Chrysene	21.20	228	1857558	37.778	ng		97
83) Bis(2-ethylhexyl)phthalate	21.08	149	1419432	39.871	ng		96
84) Di-n-octyl phthalate	21.94	149	2011418	40.813	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.50	276	1428854	36.961	ng		98
87) Benzo(b)fluoranthene	22.69	252	1636795	37.678	ng	#	95
88) Benzo(k)fluoranthene	22.73	252	1669545	40.427	ng	#	97
89) Benzo(a)pyrene	23.24	252	1491371	38.956	ng	#	98
90) Dibenzo(a,h)anthracene	25.50	278	1216672	38.889	ng	#	95
91) Benzo(g,h,i)perylene	26.15	276	1144530	39.129	ng	#	89

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

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