Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003813.D
Acq On : 25 Dec 2015 12:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/28/2015 6:00:46 PM

Quant Time: Dec 26 03:39:58 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	51543	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	248896	20.00	ng		-0.05
38) Acenaphthene-d10	14.34	164	148698	20.00	ng		-0.04
63) Phenanthrene-d10	17.09	188	332103	20.00	ng		-0.04
75) Chrysene-d12	21.29	240	356709	20.00	ng		-0.04
86) Perylene-d12	23.53	264	321886	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	230206	79.41	ng		-0.03
7) Phenol-d6	6.86	99	333790	82.91	ng		-0.03
23) Nitrobenzene-d5	8.85	82	331325	82.54	ng		-0.04
41) 2,4,6-Tribromophenol	15.83	330	125242	84.34	ng		-0.04
44) 2-Fluorobiphenyl	12.95	172	782130	71.66	ng		-0.04
78) Terphenyl-d14	19.72	244	1098080	72.60	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	44653	37.12	ng	#	100
3) Pyridine	3.57	79	132789	39.41	ng		91
4) n-Nitrosodimethylamine	3.49	42	46406	43.01	ng		91
6) Aniline	7.02	93	218303	41.20	ng		98
8) 2-Chlorophenol	7.25	128	147364	40.14	ng		97
9) Benzaldehyde	6.83	77	82183	41.63	ng		97
10) Phenol	6.89	94	178805	41.86	ng	#	72
11) bis(2-Chloroethyl)ether	7.11	93	137137	39.68	ng		99
12) 1,3-Dichlorobenzene	7.57	146	155684	38.61	ng		98
13) 1,4-Dichlorobenzene	7.72	146	160980	38.71	ng		97
14) 1,2-Dichlorobenzene	8.03	146	154487	38.91	ng		97
15) Benzyl Alcohol	7.93	79	123506	44.34	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	157690	42.71	ng		93
17) 2-Methylphenol	8.13	107	125535	42.03	ng		97
18) Hexachloroethane	8.75	117	56551	39.58	ng		93
19) n-Nitroso-di-n-propylamine	8.49	70	115449	43.72	ng		89
20) 3+4-Methylphenols	8.46	107	174864	42.32	ng		96
22) Acetophenone	8.50	105	232259	38.07	ng	#	91
24) Nitrobenzene	8.89	77	175249	40.38	ng		91
25) Isophorone	9.40	82	335778	41.35	ng		96
26) 2-Nitrophenol	9.59	139	87086	39.67	ng		90
27) 2,4-Dimethylphenol	9.66	122	150552	39.39	ng		93
28) bis(2-Chloroethoxy)methane	9.89	93	188460	38.63	ng		98
29) 2,4-Dichlorophenol	10.13	162	145808	40.05	ng		98
30) 1,2,4-Trichlorobenzene	10.34	180	152114	37.42	ng		99
31) Naphthalene	10.52	128	498205	38.25	ng		100
32) Benzoic acid	9.82	122	97152	42.31	ng		96
33) 4-Chloroaniline	10.64	127	215526	40.09	ng	#	94
34) Hexachlorobutadiene	10.80	225	89540	37.14	ng		97
35) Caprolactam	11.43	113	52922m	43.97	ng		
36) 4-Chloro-3-methylphenol	11.77	107	173401	42.24	ng		88
37) 2-Methylnaphthalene	12.14	142	350304	39.21	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	169890	35.54	ng	#	100
40) Hexachlorocyclopentadiene	12.49	237	72333	27.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	122085	39.16	ng		99
43) 2,4,5-Trichlorophenol	12.84	196	131247	40.05	ng	#	89
45) 1,1'-Biphenyl	13.16	154	472723	35.85	ng		98
46) 2-Chloronaphthalene	13.20	162	362754	37.45	ng	#	92
47) 2-Nitroaniline	13.42	65	103023	42.88	ng		97
48) Acenaphthylene	14.06	152	624111	38.65	ng		100
49) Dimethylphthalate	13.80	163	474919	38.76	ng		100
50) 2,6-Dinitrotoluene	13.92	165	103952	40.66	ng		96
51) Acenaphthene	14.40	154	358592	38.32	ng		99
52) 3-Nitroaniline	14.25	138	114210	43.65	ng		82
53) 2,4-Dinitrophenol	14.46	184	36529	29.94	ng	#	83
54) Dibenzofuran	14.74	168	518572	38.37	ng		94
55) 4-Nitrophenol	14.57	139	89398	41.38	ng		81
56) 2,4-Dinitrotoluene	14.72	165	144260	43.49	ng	#	73
57) Fluorene	15.39	166	445080	39.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	103908	41.25	ng	#	100
59) Diethylphthalate	15.17	149	488907	40.64	ng		99
60) 4-Chlorophenyl-phenylether	15.38	204	216309	38.18	ng		92
61) 4-Nitroaniline	15.42	138	121818	45.59	ng	#	73
62) Azobenzene	15.67	77	407418	43.20	ng		97
64) 4,6-Dinitro-2-methylphenol	15.48	198	71157	35.51	ng		85
65) n-Nitrosodiphenylamine	15.60	169	391145	37.25	ng		99
66) 4-Bromophenyl-phenylether	16.27	248	133234	37.21	ng	#	84
67) Hexachlorobenzene	16.39	284	143941	37.42	ng	#	81
68) Atrazine	16.56	200	138988	42.44	ng		98
69) Pentachlorophenol	16.74	266	78504	35.75	ng		98
70) Phenanthrene	17.13	178	709520	38.07	ng		100
71) Anthracene	17.22	178	721186	38.95	ng		98
72) Carbazole	17.49	167	674530	41.81	ng		99
73) Di-n-butylphthalate	18.05	149	831755	44.11	ng		99
74) Fluoranthene	19.15	202	832830	43.33	ng		97
76) Benzidine	19.34	184	443583	38.82	ng		99
77) Pyrene	19.52	202	854547	34.16	ng		100
79) Butylbenzylphthalate	20.42	149	394746	40.98	ng		94
80) Benzo(a)anthracene	21.27	228	812749	38.00	ng		99
81) 3,3'-Dichlorobenzidine	21.21	252	294366	43.23	ng		100
82) Chrysene	21.33	228	776849	37.74	ng		100
83) Bis(2-ethylhexyl)phthalate	21.20	149	557616	42.21	ng		99
84) Di-n-octyl phthalate	22.07	149	1018225	46.64	ng	#	96
85) Indeno(1,2,3-cd)pyrene	25.79	276	722801	33.42	ng	#	100
87) Benzo(b)fluoranthene	22.86	252	766565	39.18	ng		98
88) Benzo(k)fluoranthene	22.90	252	760881	39.83	ng		98
89) Benzo(a)pyrene	23.43	252	712377	38.71	ng	#	98
90) Dibenzo(a,h)anthracene	25.80	278	598006	33.28	ng		98
91) Benzo(g,h,i)perylene	26.47	276	578060	31.84	ng		99

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

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