Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015768.D
Acq On : 05 Jul 2018 15:25
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
7/6/2018 5:21:33 PM

Quant Time: Jul 05 16:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 15:37:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	94483	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	424548	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	244887	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	538804	20.00	ng		0.00
75) Chrysene-d12	21.77	240	622342	20.00	ng		0.00
86) Perylene-d12	24.17	264	578939	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	571120	102.82	ng		0.00
7) Phenol-d6	7.46	99	785959	93.62	ng		0.00
23) Nitrobenzene-d5	9.50	82	907720	116.30	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	347146	98.64	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2016737	110.57	ng		0.00
78) Terphenyl-d14	20.22	244	3360416	124.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	113665	54.870	ng	#	100
3) Pyridine	4.02	79	312743m	51.929	ng		
4) n-Nitrosodimethylamine	3.92	42	237042	70.350	ng	#	45
6) Aniline	7.64	93	471988	44.317	ng		92
8) 2-Chlorophenol	7.87	128	342549	49.777	ng		98
9) Benzaldehyde	7.45	77	214021	40.050	ng		95
10) Phenol	7.49	94	391622	45.990	ng		91
11) bis(2-Chloroethyl)ether	7.73	93	312778	47.046	ng		88
12) 1,3-Dichlorobenzene	8.20	146	369845	50.278	ng	#	92
13) 1,4-Dichlorobenzene	8.35	146	378069	50.361	ng	#	95
14) 1,2-Dichlorobenzene	8.67	146	370774	50.541	ng		95
15) Benzyl Alcohol	8.56	79	340857	50.728	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	338815	30.665	ng		99
17) 2-Methylphenol	8.76	107	274154	45.763	ng	#	87
18) Hexachloroethane	9.40	117	153473	55.504	ng		94
19) n-Nitroso-di-n-propylamine	9.13	70	313324	49.359	ng	#	77
20) 3+4-Methylphenols	9.10	107	385967	46.588	ng		89
22) Acetophenone	9.16	105	568575	54.444	ng	#	88
24) Nitrobenzene	9.55	77	432568	52.865	ng		99
25) Isophorone	10.07	82	698209	44.399	ng	#	96
26) 2-Nitrophenol	10.26	139	190321	51.579	ng	#	66
27) 2,4-Dimethylphenol	10.30	122	284739	41.126	ng		87
28) bis(2-Chloroethoxy)methane	10.54	93	440297	47.630	ng		99
29) 2,4-Dichlorophenol	10.79	162	327369	50.731	ng		98
30) 1,2,4-Trichlorobenzene	11.00	180	364900	52.650	ng		98
31) Naphthalene	11.19	128	1116624	50.749	ng		100
32) Benzoic acid	10.49	122	256568m	52.265	ng		
33) 4-Chloroaniline	11.31	127	468516	47.988	ng	#	89
34) Hexachlorobutadiene	11.45	225	242428	60.199	ng		99
35) Caprolactam	12.13	113	107170	43.317	ng		91
36) 4-Chloro-3-methylphenol	12.41	107	371480	48.422	ng		86
37) 2-Methylnaphthalene	12.78	142	800606	48.414	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	407121	53.921	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	161569	44.004	ng		99

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42) 2,4,6-Trichlorophenol	13.38	196	265924	51.982 ng		99
43) 2,4,5-Trichlorophenol	13.46	196	284119	50.587 ng	#	86
45) 1,1'-Biphenyl	13.77	154	1081640	53.439 ng		99
46) 2-Chloronaphthalene	13.83	162	806158	51.949 ng	#	92
47) 2-Nitroaniline	14.03	65	288574	56.267 ng	#	80
48) Acenaphthylene	14.66	152	1337389	53.746 ng		99
49) Dimethylphthalate	14.39	163	1090483	51.862 ng		100
50) 2,6-Dinitrotoluene	14.52	165	222088	49.677 ng	#	75
51) Acenaphthene	15.00	154	818455	53.925 ng		98
52) 3-Nitroaniline	14.85	138	239422	50.429 ng	#	78
53) 2,4-Dinitrophenol	15.07	184	97833	39.634 ng		93
54) Dibenzofuran	15.33	168	1248430	51.101 ng	#	87
55) 4-Nitrophenol	15.15	139	181265	43.228 ng	#	71
56) 2,4-Dinitrotoluene	15.30	165	316968	51.037 ng		93
57) Fluorene	15.97	166	1048310	52.156 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	241126	46.409 ng	#	100
59) Diethylphthalate	15.73	149	1183294	54.521 ng		96
60) 4-Chlorophenyl-phenylether	15.96	204	533652	53.418 ng		90
61) 4-Nitroaniline	16.01	138	259457	49.349 ng	#	40
62) Azobenzene	16.25	77	1137172	56.244 ng		83
64) 4,6-Dinitro-2-methylphenol	16.07	198	172895	55.706 ng		89
65) n-Nitrosodiphenylamine	16.17	169	957453	57.544 ng		99
66) 4-Bromophenyl-phenylether	16.84	248	311844	54.051 ng	#	84
67) Hexachlorobenzene	16.97	284	346762	52.267 ng	#	80
68) Atrazine	17.11	200	312154	53.878 ng		99
69) Pentachlorophenol	17.31	266	218289	56.018 ng		98
70) Phenanthrene	17.70	178	1584717	52.139 ng		99
71) Anthracene	17.79	178	1583480	50.873 ng		99
72) Carbazole	18.06	167	1469976	50.968 ng		98
73) Di-n-butylphthalate	18.58	149	2011272	55.711 ng	#	98
74) Fluoranthene	19.68	202	1862588	50.941 ng		99
76) Benzidine	19.86	184	1868590	88.208 ng		99
77) Pyrene	20.04	202	1935951	51.468 ng		100
79) Butylbenzylphthalate	20.89	149	974521	53.862 ng	#	86
80) Benzo(a)anthracene	21.75	228	2008464	50.688 ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	764118	48.991 ng		99
82) Chrysene	21.81	228	1840860	50.093 ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	1444963	53.976 ng		96
84) Di-n-octyl phthalate	22.56	149	2419703	51.821 ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.66	276	1904842	38.073 ng	#	93
87) Benzo(b)fluoranthene	23.44	252	1911789	54.389 ng	#	96
88) Benzo(k)fluoranthene	23.49	252	1956589	58.493 ng		98
89) Benzo(a)pyrene	24.07	252	1752138	51.576 ng		99
90) Dibenzo(a,h)anthracene	26.66	278	1653578	46.850 ng		96
91) Benzo(g,h,i)perylene	27.42	276	1435590	41.948 ng	#	94

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

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