Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM043019\
Data File : BM020079.D
Acq On : 30 Apr 2019 17:22
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
5/2/2019 2:20:49 AM

Quant Time: May 01 03:55:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:29:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	88359	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	358536	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	232166	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	572766	20.00	ng	0.00
76) Chrysene-d12	21.37	240	617619	20.00	ng	0.00
87) Perylene-d12	23.66	264	668608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	415255	76.16	ng	0.00
7) Phenol-d6	6.95	99	569131	69.36	ng	0.00
23) Nitrobenzene-d5	8.96	82	702531	87.63	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	286256	76.60	ng	0.00
45) 2-Fluorobiphenyl	13.06	172	1435240	77.04	ng	0.00
79) Terphenyl-d14	19.81	244	2752930	78.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	98508	41.869	ng	99
3) Pyridine	3.70	79	277799	42.161	ng	100
4) n-Nitrosodimethylamine	3.62	42	82786	39.003	ng	100
6) Aniline	7.13	93	355556	33.550	ng	100
8) 2-Chlorophenol	7.35	128	229547	33.851	ng	100
9) Benzaldehyde	6.94	77	221091	46.175	ng	100
10) Phenol	6.97	94	310527	34.638	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	228312	34.808	ng	100
12) 1,3-Dichlorobenzene	7.68	146	264865	37.206	ng	100
13) 1,4-Dichlorobenzene	7.83	146	268444	37.166	ng	100
14) 1,2-Dichlorobenzene	8.14	146	252709	35.286	ng	100
15) Benzyl Alcohol	8.03	79	279707	37.497	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.32	45	193902	31.011	ng	100
17) 2-Methylphenol	8.22	107	201147	33.901	ng	100
18) Hexachloroethane	8.86	117	110241	39.265	ng	100
19) n-Nitroso-di-n-propylamine	8.60	70	252221	34.969	ng	100
20) 3+4-Methylphenols	8.55	107	268232	32.909	ng	100
22) Acetophenone	8.62	105	376491	38.553	ng	100
24) Nitrobenzene	9.00	77	362552	43.654	ng	100
25) Isophorone	9.52	82	621536	39.826	ng	100
26) 2-Nitrophenol	9.70	139	111387	31.472	ng	100
27) 2,4-Dimethylphenol	9.76	122	182033	36.376	ng	100
28) bis(2-Chloroethoxy)methane	10.00	93	336289	38.481	ng	100
29) 2,4-Dichlorophenol	10.23	162	231138	40.669	ng	100
30) 1,2,4-Trichlorobenzene	10.45	180	282223	46.137	ng	100
31) Naphthalene	10.63	128	718450	37.359	ng	100
32) Benzoic acid	9.86	122	124004m	28.062	ng	
33) 4-Chloroaniline	10.75	127	301909	38.109	ng	100
34) Hexachlorobutadiene	10.91	225	201670	55.900	ng	100
35) Caprolactam	11.53	113	72890	33.882	ng	100
36) 4-Chloro-3-methylphenol	11.86	107	280701	39.749	ng	100
37) 2-Methylnaphthalene	12.25	142	533194	38.083	ng	100
38) 1-Methylnaphthalene	12.47	142	519548	37.583	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.62	216	344312	48.074	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	202097	104.922	ng		100
43) 2,4,6-Trichlorophenol	12.86	196	201347	41.466	ng		100
44) 2,4,5-Trichlorophenol	12.93	196	221913	43.910	ng		100
46) 1,1'-Biphenyl	13.27	154	733578	36.481	ng		100
47) 2-Chloronaphthalene	13.31	162	575788	37.539	ng		100
48) 2-Nitroaniline	13.52	65	214567	38.810	ng		100
49) Acenaphthylene	14.16	152	943730	35.362	ng		100
50) Dimethylphthalate	13.90	163	774897	37.840	ng		100
51) 2,6-Dinitrotoluene	14.02	165	163103	36.018	ng		100
52) Acenaphthene	14.50	154	543638	36.739	ng		100
53) 3-Nitroaniline	14.35	138	151713	33.552	ng		100
54) 2,4-Dinitrophenol	14.55	184	66461	29.015	ng		100
55) Dibenzofuran	14.83	168	909255	37.577	ng		100
56) 4-Nitrophenol	14.64	139	132310	42.213	ng		100
57) 2,4-Dinitrotoluene	14.80	165	225274	34.608	ng		100
58) Fluorene	15.49	166	751646	36.660	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	212883	46.165	ng		99
60) Diethylphthalate	15.26	149	794822	37.318	ng		100
61) 4-Chlorophenyl-phenylether	15.48	204	425857	43.139	ng		100
62) 4-Nitroaniline	15.52	138	171054	38.396	ng		100
63) Azobenzene	15.77	77	920858	40.453	ng		100
65) 4,6-Dinitro-2-methylphenol	15.56	198	100594	27.526	ng		100
66) n-Nitrosodiphenylamine	15.70	169	654789	34.968	ng		100
67) 4-Bromophenyl-phenylether	16.37	248	271437	41.220	ng		100
68) Hexachlorobenzene	16.47	284	313714	39.703	ng		100
69) Atrazine	16.64	200	259032	40.749	ng		100
70) Pentachlorophenol	16.82	266	181632	44.990	ng		100
71) Phenanthrene	17.22	178	1220580	35.910	ng		100
72) Anthracene	17.32	178	1222230	36.124	ng		100
73) Carbazole	17.59	167	1105502	34.996	ng		100
74) Di-n-butylphthalate	18.14	149	1367440	32.962	ng		100
75) Fluoranthene	19.24	202	1549043	39.601	ng		100
77) Benzidine	19.43	184	775780	45.524	ng		100
78) Pyrene	19.60	202	1600702	39.137	ng		100
80) Butylbenzylphthalate	20.51	149	601863	30.352	ng		100
81) Benzo(a)anthracene	21.35	228	1663778	42.525	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	649588	44.625	ng		100
83) Chrysene	21.40	228	1638055	43.657	ng		100
84) Bis(2-ethylhexyl)phthalate	21.28	149	945115	32.015	ng		100
85) Di-n-octyl phthalate	22.17	149	1552393	32.408	ng		100
86) Indeno(1,2,3-cd)pyrene	25.99	276	1902369	51.541	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1724444	38.842	ng		100
89) Benzo(k)fluoranthene	23.01	252	1564970	37.443	ng		100
90) Benzo(a)pyrene	23.56	252	1565078	39.786	ng		100
91) Dibenzo(a,h)anthracene	26.00	278	1595641	42.071	ng		100
92) Benzo(g,h,i)perylene	26.70	276	1522486	44.320	ng		100

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

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